

Using the Stormwater Database

Matthew Espie

Department of Energy and Environment



Training Objectives

- Become familiar with the Stormwater Database
- Understand when to use the Stormwater Database
- Be able to enter, modify, and submit stormwater plan information to DOEE
- Know how to use the Stormwater Database to participate in SRC trading and RiverSmart Rewards

Training Outline

- Overview of DC Stormwater Programs and Stormwater Database
 - Using the Stormwater Database to submit plan information
 - Break
 - Stormwater Retention Credits and RiverSmart Rewards
 - Activity
- 

About the Stormwater Database

- Allows web-based entry and review of project data
- Incorporates and enhances existing compliance calculations
- Allows project team to access data during design, review, construction, and inspection
- Streamlines review of stormwater plans
- Generates green infrastructure reports for DOEE

About the Stormwater Database

- Integrates with the SRC and RiverSmart Rewards programs to streamline applications
 - Certify SRCs
 - Transfer SRCs
 - Use SRCs
 - Retire SRCs
 - Notification of in-lieu fee payment
 - RiverSmart Rewards applications
- Enables online submission of compliance information for an Off-site retention volume (Offv)
- Provides Access to the SRC Registry

2013 Stormwater Rule

Major land-disturbing activity

- 5,000 ft² or more of land-disturbing activity.
- Retain the first 1.2” of rainfall on site or through a combination of on-site and off-site retention.

Major substantial improvement activity

- Renovation for which:
 - Cost exceeds 50% pre-project value of structure and
 - Combined footprint of structure and land disturb $\geq 5,000$ ft².
- Retain the first 0.8” of rainfall on site or through a combination of on-site and off-site retention.

Allowable Use of Off-Site Retention

On-site retention \geq 50% of Stormwater Retention Volume (SWR_v).

- Free to go off site.



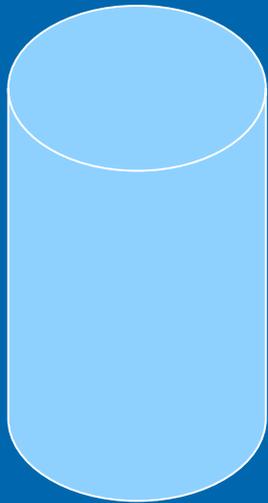
On-site retention $<$ 50% of SWR_v.

- Must prove that on-site retention is technically infeasible or environmentally harmful.
- Minimum on-site retention requirement waived during
 - Transition Period 2A (1/15/14 to 1/15/15).
 - Transition Period 2B (1/15/14 to 7/14/15).

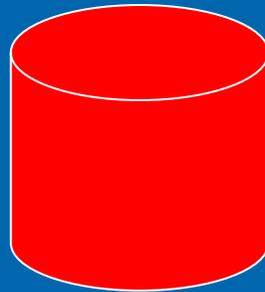


Off-Site Retention Volume (Offv)

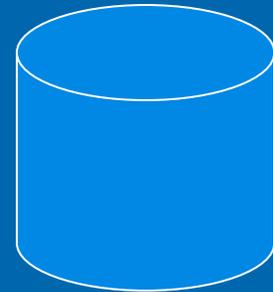
$$\text{SWRv} - \text{On-Site Retention Volume} = \text{Offv}$$



10,000
gallons



5,000
gallons



5,000
gallons

Two Options to Achieve Offv

In-lieu fee (ILF) payment = \$3.57

- Paid to DOEE.
- Corresponds to 1 gallon of retention for 1 year.
- Achieves 1 gallon of Offv for 1 year.

Stormwater Retention Credits (SRCs)

- Privately tradable.
- 1 SRC corresponds to 1 gallon of retention for 1 year.
- 1 SRC achieves 1 gallon of Offv for 1 year.
- Each SRC has a unique serial number.

RiverSmart Rewards

- DC Gov't (DOEE) Stormwater Fee (\$2.67/ERU for FY2015).
- DC Water Impervious Area Charge (\$20.30/ERU for FY2015).
- Two separate discount programs.
 - DOEE - 55% max discount for 1.2" retention from 1 ERU.
 - DC Water - 4% max discount for 1.2" retention from 1 ERU.
- RiverSmart Rewards Standard Application:
 - Available for all sites with Stormwater Management Practices
 - A Simple Application is available for all sites with practices managing 2,000 sf of impervious surface or less

Using the Database

Create a Stormwater Database Account

- Visit the database landing page at doee.dc.gov/swdb
- Request an account (DOEE will approve request)
- Create log in credentials
- DOEE communications may be sent from notify@quickbase.com



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Department of Energy & Environment



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Tommy Wells
Director

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Stormwater Database

Log in or create an account now. DOEE recommends that new users refer to the Stormwater Database User Manual (below) and/or Attend a Training Session.

The Stormwater Database allows users to:

- Provide site and plan information for DOEE review of DCRA permit applications for:
 - Stormwater Management Plans (SWMPs)
 - Soil Erosion and Sediment Control Plans
 - Green Area Ratio (GAR) Plans
- Participate in the Stormwater Retention Credit (SRC) trading and RiverSmart Rewards discount programs.

Stormwater Database News:

- DOEE Streamlines Online Tool for Stormwater Programs – August 25, 2015
- DDOE Launches New Stormwater Database – November 9, 2014

Feedback and Questions

DOEE will continue to enhance the usability and functions of this database to provide better service. We welcome your feedback and suggestions.

Contact Matthew Espie at matthew.espie@dc.gov or call (202) 715-7644 with your ideas or questions. Feedback can also be submitted using the Stormwater Database feedback form.

Attachment(s):

Stormwater Instructions and Guidance	728.43 KB
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Foam Free DC



The District has banned the use of food service products made of expanded polystyrene. [Read More>>](#)

Energy Smart DC



A single resource for all you need to know about energy efficiency and renewable energy programs, products and services in the District.

Get RiverSmart





STORMWATER DATABASE

Welcome

Log In

Username/Email

Password

Log In

Need an account? [Click here](#) to register.

Need help? Click [here](#) for assistance.

Click [here](#) to view the SRC and Offv Registry.

Register

To use DDOE's Stormwater Database, please fill out the form below. After you submit your information, DDOE will approve your account and notify you via email with login instructions. Please ensure that you enter the correct email address.

You will receive a confirmation email from notify@quickbase.com. If you do not receive login credentials within the next business day, please contact Matthew Espie at matthew.espie@dc.gov or (202)-715-7644.

Account is for business or organization

First Name *

Last Name *

Email *

Phone * ext.

Title

Organization

Include organization name in address

Address line 1 *

Address line 2

City *

State *

Zip code *

Already registered? Click [here](#) to log in.

Need help? Click [here](#) for assistance.

https://mail.google.com/mail/?ui=2&ik=d689109b78&view= Stormwater Database | ddoe Stormwater Database Acco...

File Edit View Favorites Tools Help

Stormwater Database Account Request Received Inbox

notify@quickbase.com 11:30 AM (1 minute ago)

to me

 DEPARTMENT OF ENERGY & ENVIRONMENT

The Department of Energy and Environment has received your request for a Stormwater Database account. If you do not receive an email with log in information within the next business day, please contact Matthew Espie at matthew.espie@dc.gov or (202) 715-7655.

This is an automatically generated email. Please do not respond to this message.



Matthew Espie invites you to join Stormwater Database

Thank you for requesting access to the Department of Energy & Environment's Stormwater Database. Use the link at the bottom of this message to create your user ID and password. Once you complete your registration, you can return to the database at <http://doee.dc.gov/swdb>.

Do not share your username and password with others. These credentials allow you to submit plans to DOEE for review, to apply for certification of SRCs, to sign forms electronically, to authorize someone to act on your behalf, and take other actions. Your actions in the database could carry legal obligations for you including to maintain stormwater Best Management Practices (BMPs).

From the home screen, you can select different options:

- To submit a Stormwater Management Plan, Erosion and Sediment Control plan, or Green Area Ratio plan for review, start by clicking "Sites and plans" and "New Site."
- To confirm someone as your agent, click "Agents" and then click "Confirm" next to your agent's name.
- To view the SRC Registry, click "SRC Registry." To view the SRCs that you own, click "My SRC Dashboard."
- To apply to certify, transfer, use, or retire SRCs, click the application type and then click "New Application." To notify DOEE of an in-lieu fee payment, click "ILF Notification" and "New Notification."
- To apply for RiverSmart Rewards, click "My RiverSmart Rewards Dashboard" and "New Application."

You can also download the user manual for assistance or contact me at matthew.espie@dc.gov or (202) 715-7644.

This is an automatically generated email. Please do not respond to this message.

[GO TO THIS APP IN QUICKBASE](#)



Sign Up for QuickBase

All fields marked with an asterisk (*) are required.

First name*

Last name*

Email address

Choose a password*

Retype password*

Password strength:

- Must be at least 8 characters
- Must include both numbers and letters

Please set up a security question in case you ever need to reset your password.

Question:*

Answer:*

Retype Answer:*

- Security answers must match
- Your answer is not case sensitive.

I have read and agree to the QuickBase [Terms of Service](#)

Register



STORMWATER DATABASE

Welcome

[Log In](#)

Username/Email

Password

[Log In](#)

Need an account? Click [here](#) to register.
Need help? Click [here](#) for assistance.
Click [here](#) to view the SRC and Offv Registry.

Stormwater Management Plans

Enter Plan Information

- Site Information
- Plan Information
- Site Drainage Area Information
- BMP Information
- Submit





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[Support](#)

Public User Homepage

[Sites and Plans](#)

[BMPs](#)

[Agents](#)

[SRC and Offv Registry](#)

[My SRCs and Offv](#)

[My RiverSmart Rewards](#)



[Use the old Stormwater Database design](#)



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Sites and Plans

[New Site](#)

[Notify DDOE of a Change in Site Ownership or Management](#)

- My Sites (1)

No Records Found

- All Plans (1)

No Records Found

- Upcoming Offv Requirements (0)

No Records Found



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New Site

- [Site with Stormwater Management Requirements](#)
- [Site with ESC and/or GAR only](#)
- [Roadway reconstruction project](#)



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STORMWATER DATABASE

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Navigation Program Directory Support

Save

You are entering a new site into the Stormwater Database. Please follow these steps:

1. If the site does not have a street address, please change the "Address Format" to Block, Intersection, or Nearest Address. Then, skip to step 3.
2. If the site has a street address, enter the address into the field "Input Address" and then click "Get Address Details." Wait 10 seconds to allow the Stormwater Database to check the Master Address Repository for site information and fill out the form.
3. If the site is a block or intersection, or if the MAR could not find the site, complete the rest of the information in the "Site Information" section of the form.
4. Select the site owner or manager from the dropdown menu. If you do not see the name of the owner or manager, leave this blank. You must request to be an agent for the site owner or manager prior to submitting the plan for review.
5. Complete the "Location" section of the form with any known information. You may use the buttons in the "Location" section to look up SSL, sewershed, watershed, etc.
6. Click "Save"

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SITE INFORMATION

For sites undergoing a regulated activity, enter the address on the building permit application.

Address Format *

Address

Input Address

[Get Address Details](#)

Address number *

Street name *

Street type *

Quadrant *



STORMWATER DATABASE

Welcome, Project
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Navigation Program Directory Support

Save

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6. Click "Save"

[View printer-friendly version](#)

SITE INFORMATION

For sites undergoing a regulated activity, enter the address on the building permit application.

Address Format *

Address

Input Address

1200 First Stree NE

Get Address Details

Address number *

Street name *

Street type *

Quadrant *

Find: [] Previous Next [Options]

For sites undergoing a regulated activity, enter the address on the building permit application.

Address Format *

Address [v]

Input Address

1200 First Stree NE [Get Address Details]

Address number *

1200

Street name *

1ST

Street type *

Street [v]

Quadrant *

NE [v]

SITE OWNER

Site Owner/Manager

Make a Selection... [v]

LOCATION

Red-bordered area containing buttons: Find Storm Sewer System, Find coordinates, square, suffix, and lot, Find Major and Minor Drainage Areas, Find assessed value, Find zone, Find Soil Type, Flood Zone Determination Tool

X coordinate

399448.73

Y coordinate

137581.05

Storm sewer system *

CSS [v]

Major drainage area *

Anacostia [v]

Minor drainage area *

-Not Known- [v]

Ward

6 [v]

Soil type

Ub

Assessed building value

158739100

Square

0672

Suffix

[]

Lot

0856

Zone *

C-3-C [v]

Is the site within a Special Flood Hazard Area (SFHA)? *

No [v]

Locate Your Watershed:

This web page provides an overview of watershed for given locations in the District of Columbia. Locate information related to an address by using one of two location types shown below:

Find It!

Location Types



Address

STREET ADDRESS: An address consists of a street number, a street name, and a quadrant (NE, NW, SE, SW). The address number and street name are required. Every address in the MAR as also been assigned an AID# (Address Identification Number) which can be used to retrieve additional data about that address.

Example: 441 4th ST NW



Place

PLACE NAME: A place name consists of common place names and public/institutional building names.

Example: "The White House" or "Dupont Circle" or "The Capitol"



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You are entering a new site into the Stormwater Database. Please follow these steps:

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5. Complete the "Location" section of the form with any known information. You may use the buttons in the "Location" section to look up SSL, sewershed, watershed, etc.
6. Click "Save"

[View printer-friendly version](#)

SITE INFORMATION

For sites undergoing a regulated activity, enter the address on the building permit application.

Address Format *

Address

Input Address

1200 First Stree NE

[Get Address Details](#)

Address number *

1200

Street name *

1ST

Street type *

Street

Quadrant *

NE



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SITE INFORMATION

Soil Erosion and Sediment Control and/or GAR only

Address Format

Address

Address number	Street name	Street type	Quadrant
1200	1ST	Street	NE

SITE OWNER

Site Owner/Manager

PLANS AFFILIATED WITH THIS SITE

[Enter a new plan for this site](#)

Plan number	Site SWRV (gal)	Offv	SRC eligibility
-------------	-----------------	------	-----------------

No plans found

Save Return

PLAN TYPE AND EXEMPTIONS

Transition period vesting date *

07-15-2015 or later

Default values based on site and date

Is the plan a Stormwater Management Plan? *

Yes

Is the plan a Soil Erosion and Sediment Control Plan? *

Yes

Is the plan a Green Area Ratio plan? *

Yes

Project solely involves reconstruction of existing PROW

SWMP number

What type of activity is Site undergoing? *

Major Land Disturbing

Is Site an "AWDZ site"? *

Non-AWDZ



Are there trees that are at least 55 inches in circumference?

Does the plan have an EISF Requirement

Request exceptions:

Relief from extraordinarily difficult site conditions Exception to 25-foot buffer

Is the site exempt from detention requirements for the 2-year storm

No

SITE AND LOCATION

Site *

1200 1ST Street NE

Is the entire site in the CSS? *

Yes

Default values based on site

Major drainage area *

Anacostia

Minor Drainage Area *

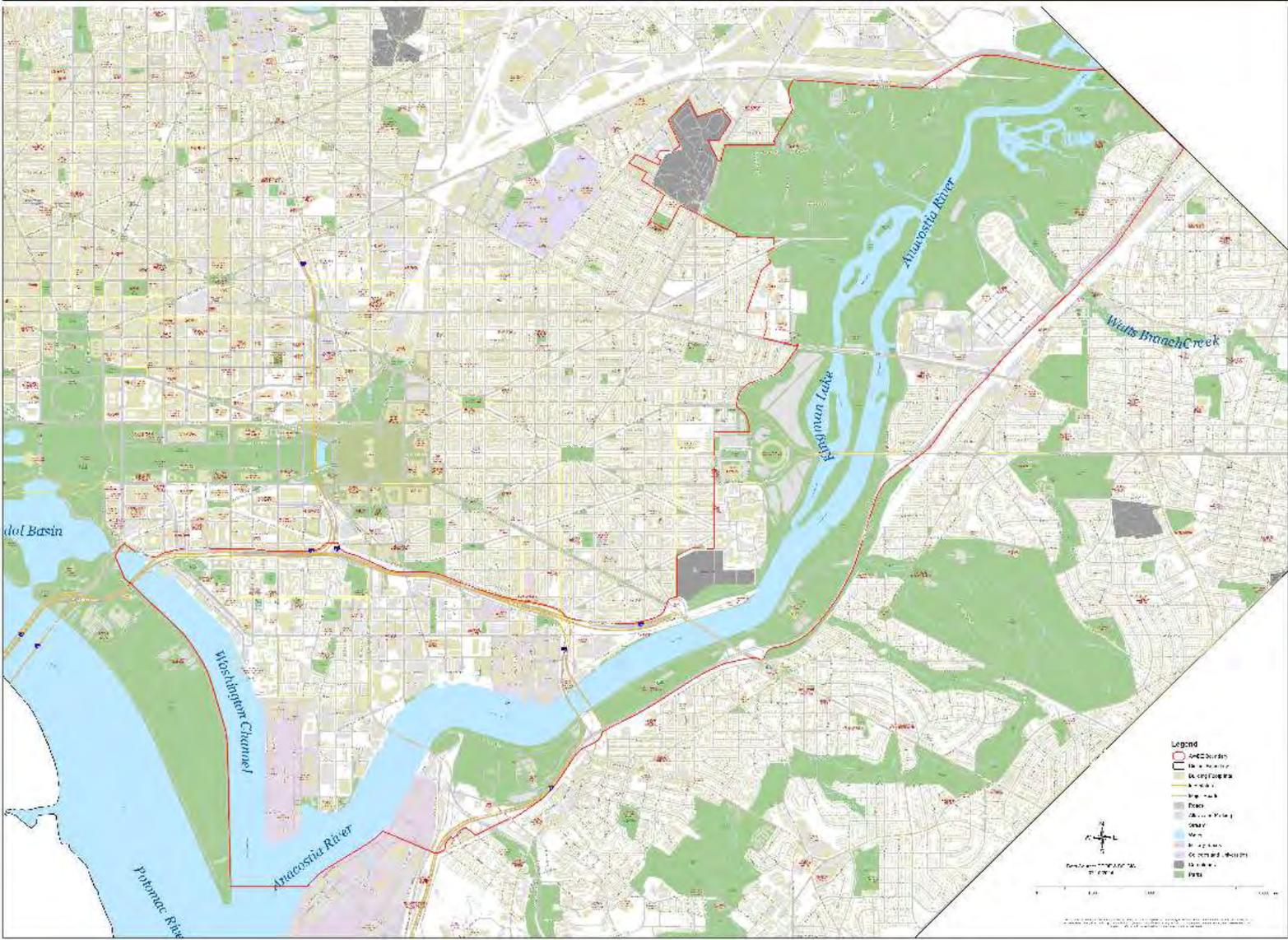
-Not Known-

PROJECT DESCRIPTION

Project Name

Property Class

Anacostia Waterfront Development Zone (AWDZ)



Request exceptions:

Relief from extraordinarily difficult site conditions Exception to 25-foot buffer

Is the site exempt from detention requirements for the 2-year storm

No

SITE AND LOCATION

Site *

1200 1ST Street NE

Is the entire site in the CSS? *

Yes

Major drainage area *

Anacostia

Minor Drainage Area *

-Not Known-

PROJECT DESCRIPTION

Project Name

Text Project

Property Class

Commercial

Total cost of construction

1000000

Cost of building renovation

20000

Submission Type

ProjectDox

Project Description

This is an example project

Is this a PUD project

No

GREEN AREA RATIO

Zone

C-3-C

Required GAR Score

0.2



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Submit

Identify Errors

Required Plan Compliance Sheet

PLAN TYPE AND EXEMPTIONS

Transition period vesting date

07-15-2015 or later

Is the plan a Stormwater Management Plan?

Yes

Is the plan a Soil Erosion and Sediment Control Plan?

Yes

Is the plan a Green Area Ratio plan?

Yes

Project solely involves reconstruction of existing PROW

SWMP number

[Generate SWMP number](#)

What type of activity is Site undergoing?

Major Land Disturbing

Is Site an "AWDZ site?"

Non-AWDZ

Are there trees that are at least 55 inches in circumference?

Does the plan have an EISF Requirement

Request exceptions

Relief from extraordinarily difficult site conditions

Exception to 25-foot buffer

Is the site exempt from detention requirements for the 2-year storm



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Submit

Identify Errors

Required Plan Compliance Sheet

▶ PLAN TYPE AND EXEMPTIONS

▶ SITE AND LOCATION

▶ LAND COVER AND SITE DRAINAGE AREAS

Add Site Drainage Area

▶ BMPs

BMP title	BMP storage volume (cubic feet)	Retention volume achieved (cubic feet)	Downstream BMP ID Numbers	Treatment Train
-----------	---------------------------------	--	---------------------------	-----------------

No BMPs found

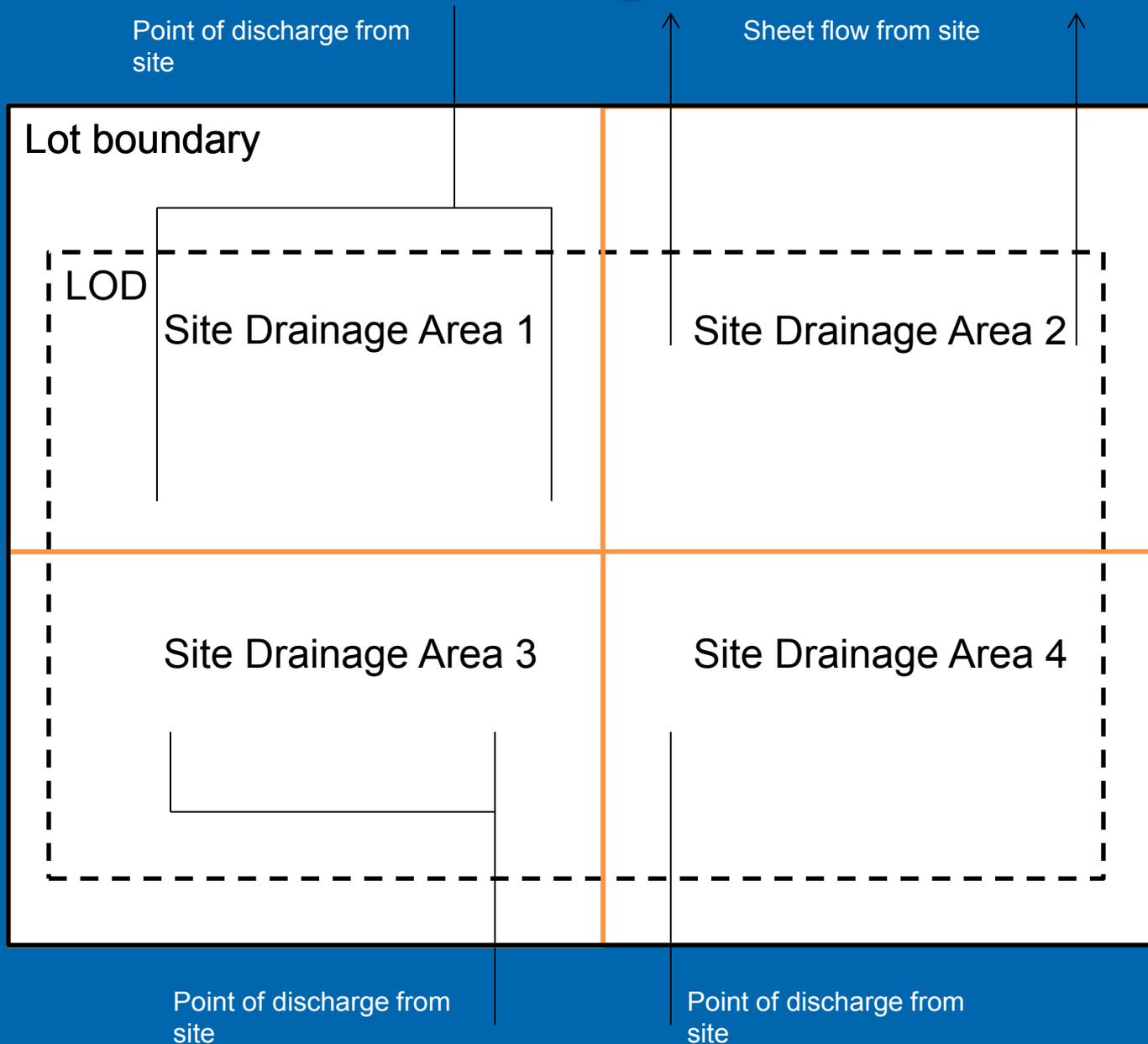
▶ DETENTION REQUIREMENTS

use default curve numbers

Detention requirements are calculated using the rational method

Natural Curve Number	Compacted Curve Number	Impervious Curve Number
70	74	98

Site Drainage Areas



[Save](#) [Return](#)

Once the Site Drainage Area is added, you can review your plan information to see the total land cover, retention requirements, and retention achieved for all of your Site Drainage Areas combined.

Plan	4861	Site Drainage Area Number	1	Site Drainage Area ID	4861-1
<input type="checkbox"/> Site Drainage Area is in the Public Right of Way					
Type of activity Site Drainage Area is undergoing	Major Land Disturbing	Is Site Drainage Area in the AWDZ?	Non-AWDZ	i SWRv rain event (in)	1.2
Is the Site Drainage Area in the CSS?	Yes	Site Drainage Area major drainage basin	Anacostia	Site Drainage Area minor drainage basin	-Not Known-
i Is the entire Site Drainage Area exempt from detention requirements for the 2-year storm?	No <input type="button" value="v"/>				

MAJOR LAND DISTURBING ACTIVITY

Only include area within the limits of disturbance

	Total (square feet)	i Natural land cover	i Compacted land cover	i Impervious land cover	i BMP Land Cover
Post project	5000	<input type="text"/>	<input type="text"/>	4000	1000
Pre project	5000	<input type="text"/>	5000	<input type="text"/>	<input type="text"/>

Total area must be equal post project and pre project

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[Add another Site Drainage Area to this Plan](#)

[Site Drainage Area Information](#)

- ▶ SITE DRAINAGE AREA INFORMATION
- ▶ MAJOR LAND DISTURBING ACTIVITY
- ▼ SWRV AND WQTv

	Cubic feet	Gallons
Site Drainage Area SWRV	475	3553

Calculated based on land cover

▼ BMPs

[Add BMP to this Site Drainage Area](#)

Add each BMP individually

▼ DRAINAGE AREA COMPLIANCE

	Cubic feet	Gallons
Retention volume remaining	475	3553

Save

Return

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Once the BMP is added, you can review your Site Drainage Area or Plan information to see the total retention achieved and the progress toward meeting requirements.

GENERAL BMP INFORMATION

Plan Number 4861	Site Drainage Area ID 4861-1	BMP number 1	BMP ID number 4861-1-1
BMP X Coordinate <input type="text"/>	BMP Y Coordinate <input type="text"/>	BMP installation date	
BMP Group * Make a Selection...	BMP type * Make a Selection...	BMP sub-type	
BMP Name <input type="text"/>			
Did DDOE help pay for this BMP? No			

X and Y must be entered before plan is submitted

BMP Name is optional for identification

CONTRIBUTING DRAINAGE AREA

In this section, indicate the area that contributes directly to this BMP. Do not include area that contributes first to an upstream BMP.

CDA includes area outside the authority of the site owner

Total area (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP land cover
Post project 0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pre project 0	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Total area post project and pre project must be equal.

BMP RETENTION AND TREATMENT ACHIEVED

Maximum volume received by BMP (cubic feet) 0	Retention volume achieved (cubic feet) 0	Potential retention volume remaining (cubic feet) 0	Additional treatment volume (cubic feet) 0
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[Save](#) [Return](#)

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Once the BMP is added, you can review your Site Drainage Area or Plan information to see the total retention achieved and the progress toward meeting requirements.

GENERAL BMP INFORMATION

Plan Number 4861	Site Drainage Area ID 4861-1	BMP number 1	BMP ID number 4861-1-1
BMP X Coordinate <input type="text"/>	BMP Y Coordinate <input type="text"/>	BMP installation date	
BMP Group* Green Roof	BMP type* Extensive green roof -	BMP sub-type	
BMP Name Green Roof 1			
Did DDOE help pay for this BMP? No			

CONTRIBUTING DRAINAGE AREA

In this section, indicate the area that contributes directly to this BMP. Do not include area that contributes first to an upstream BMP.

CDA includes area outside the authority of the site owner

	Total area (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP land cover
Post project	500	<input type="text"/>	<input type="text"/>	<input type="text"/>	500
Pre project	500	<input type="text"/>	500	<input type="text"/>	<input type="text"/>

BMP RETENTION AND TREATMENT ACHIEVED

BMP storage volume (cubic feet) 60	Maximum volume received by BMP (cubic feet) 67	Retention volume achieved (cubic feet) 60	Potential retention volume remaining (cubic feet) 7	Additional treatment volume (cubic feet) 0
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[Create another BMP in the same Site Drainage Area](#)

[BMP Information](#)

GENERAL BMP INFORMATION

Plan Number	Site Drainage Area ID	BMP number	BMP ID number
4861	4861-1	1	4861-1-1

[BMP X Coordinate](#) [BMP Y Coordinate](#) [BMP installation date](#)

BMP Group **BMP type** **BMP sub-type**
Green Roof Extensive green roof

BMP Name
Green Roof 1

Did DDOE help pay for this BMP?
No

CONTRIBUTING DRAINAGE AREA

In this section, indicate the area that contributes directly to this BMP. Do not include area that contributes first to an upstream BMP.

CDA includes area outside the authority of the site owner [?](#)

GENERAL BMP INFORMATION

Plan Number 4861	Site Drainage Area ID 4861-1	BMP number 2	BMP ID number 4861-1-2
<input type="text"/>	<input type="text"/>	BMP installation date	
BMP Group* Bioretention	BMP type* Engineered tree pits - Enhanced	BMP sub-type Enhanced	
BMP Name Bioretention behind the building			
Did DDOE help pay for this BMP? No			

CONTRIBUTING DRAINAGE AREA

In this section, indicate the area that contributes directly to this BMP. Do not include area that contributes first to an upstream BMP.

CDA includes area outside the authority of the site owner

	Total area (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP land cover
Post project	2000	<input type="text"/>	<input type="text"/>	1500	500
Pre project	2000	<input type="text"/>	2000	<input type="text"/>	<input type="text"/>

BMP RETENTION AND TREATMENT ACHIEVED

Enhanced practice with an underdrain

BMP storage volume (cubic feet)

Maximum volume received by BMP (cubic feet)	Retention volume achieved (cubic feet)	Potential retention volume remaining (cubic feet)	Additional treatment volume (cubic feet)
269	200	69	0



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[Create another BMP in the same Site Drainage Area](#)

[BMP Information](#)

GENERAL BMP INFORMATION

Plan Number	Site Drainage Area ID	BMP number	BMP ID number
4861	4861-1	2	4861-1-2

[BMP X Coordinate](#) [BMP Y Coordinate](#) [BMP installation date](#)

BMP Group	BMP type	BMP sub-type
Bioretention	Engineered tree pits	Enhanced

[BMP Name](#)

Bioretention behind the building

Did DDOE help pay for this BMP?

No

CONTRIBUTING DRAINAGE AREA

In this section, indicate the area that contributes directly to this BMP. Do not include area that contributes first to an upstream BMP.

CDA includes area outside the authority of the site owner [?](#)

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Add another Site Drainage Area to this Plan

Site Drainage Area Information

▶ SITE DRAINAGE AREA INFORMATION

▶ MAJOR LAND DISTURBING ACTIVITY

▶ SWRV AND WQTV

	Cubic feet	Gallons
Site Drainage Area SWRV	475	3553

▶ BMPs

Add BMP to this Site Drainage Area

Edit BMP ID Numbers

	Cubic feet	Gallons
Retention volume achieved by BMPs	260	1945
Volume treated	0	0

Full Report	More	2 BMPs						
	BMP ID number	BMP Name	BMP Type and Subtype	Retention volume achieved (cubic feet)	Additional treatment volume (cubic feet)	Vehicular access volume addressed?	Downstream BMP ID Numbers	Total Post project vehicular access area
	4861-1-1	4861-1-1 Green Roof 1	Extensive green roof	60	0	N/A		
	4861-1-2	4861-1-2 Bioretention behind the building	Engineered tree pits - Enhanced	200	0	N/A		
TOT				260	0			

▶ DRAINAGE AREA COMPLIANCE

Cubic feet Gallons

DRAINAGE AREA COMPLIANCE

	Cubic feet	Gallons
Retention volume remaining	215	1608

50% of SWRv retained? Runoff from vehicular access areas sufficiently retained or treated?

Is treatment required? Minimum requirements for drainage area met?

Note about SWRv

Off Site Retention may be needed.

Can generate SRCs from PROW?

CHANNEL AND FLOOD PROTECTION

Natural curve number	70	Compacted curve number	74	Impervious curve number	98
Weighted Curve Number	98	S	0.20	Total BMP storage volume	260
Adjusted Curve Numbers					
	2-year storm		15-year storm		100-year storm
Storm size (in)	3.2		5.2		8.37
Runoff volume with no BMPs (in)	2.97		4.96		8.13
Runoff volume with BMPs (in)	2.34		4.34		7.51
Adjusted curve number	92		92		93



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[Add another Site Drainage Area to this Plan](#)

[Site Drainage Area Information](#)

▶ SITE DRAINAGE AREA INFORMATION

Plan	Site Drainage Area Number	Site Drainage Area ID
4861	1	4861-1
<input type="checkbox"/> Public Right of Way		
Type of activity Site is undergoing	Is Site Drainage Area in the AWDZ?	SWRv rain event (in)
Major Land Disturbing	Non-AWDZ	1.2
Is the Site Drainage Area in the CSS?	Site Drainage Area major drainage basin	Site minor drainage basin
Yes	Anacostia	-Not Known-
Is the entire Site Drainage Area exempt from detention requirements for the 2-year storm?		
No		

▶ MAJOR LAND DISTURBING ACTIVITY

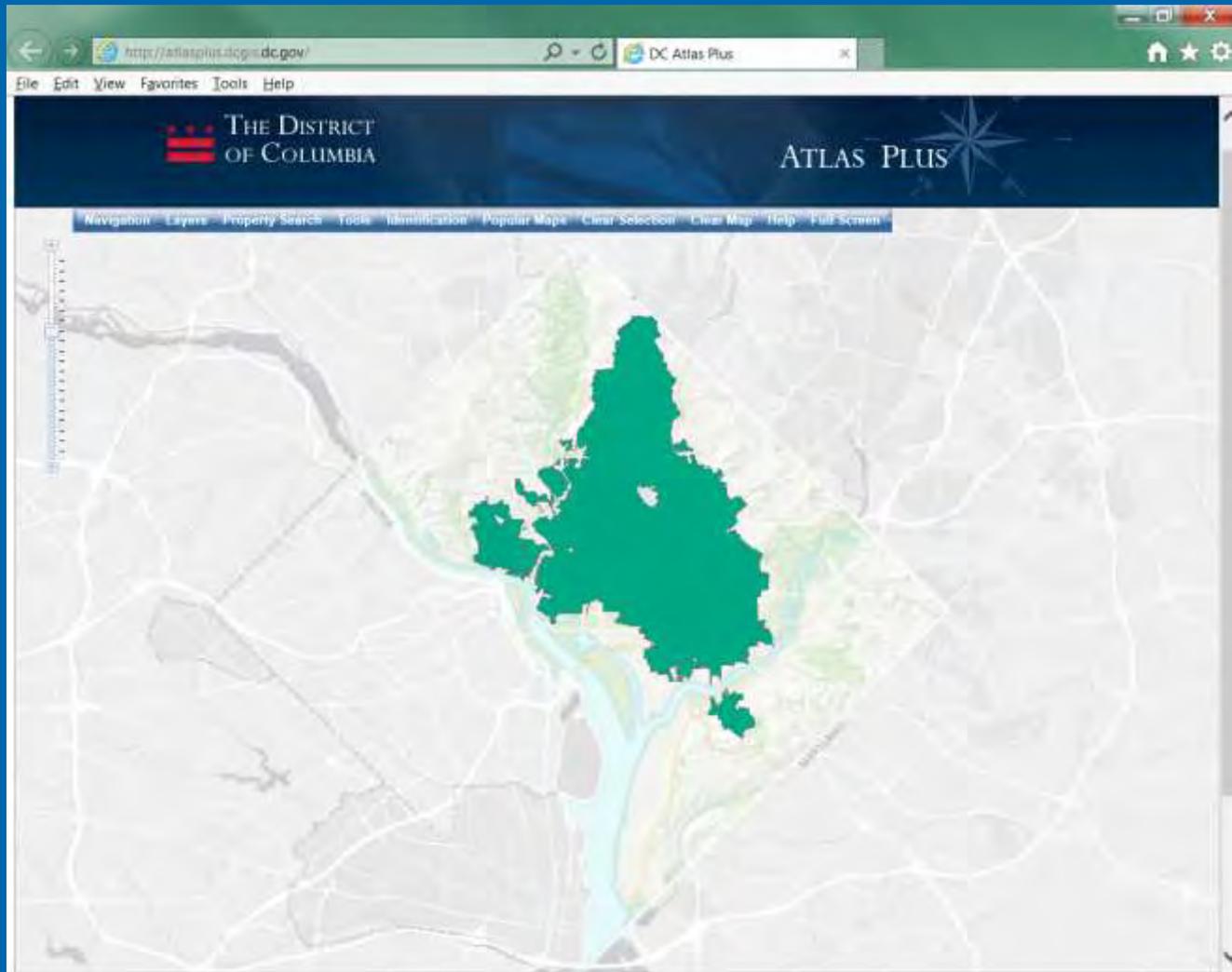
	Total (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP Land Cover
Post project	5000			4000	1000
Pre project	5000		5000		

▶ SWRv AND WQTV

Cubic feet Gallons

MS4

Map of Combined Sewer System (CSS)



Site Drainage Area Requirements (MS4 Only)

- Retain or treat 50% of the SWRv
- 100% of Vehicular Access Area (VAA) must drain to BMPs
- Retain or treat 50% of the SWRv from the entire Vehicular Access Area



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Once the Site Drainage Area is added, you can review your plan information to see the total land cover, retention requirements, and retention achieved for all of your Site Drainage Areas combined.

Plan	4861	Site Drainage Area Number	2	Site Drainage Area ID	4861-2
<input type="checkbox"/> Site Drainage Area is in the Public Right of Way					
Type of activity Site Drainage Area is undergoing	Major Land Disturbing	Is Site Drainage Area in the AWDZ?	<input type="text" value="AWDZ"/>	SWRv rain event (in)	1.2
Is the Site Drainage Area in the CSS?*	<input type="text" value="No"/>	Site Drainage Area major drainage basin	Anacostia	Site Drainage Area minor drainage basin	-Not Known-
Is the entire Site Drainage Area exempt from detention requirements for the 2-year storm?*	<input type="text" value="No"/>				

MAJOR LAND DISTURBING ACTIVITY

Only include area within the limits of disturbance

	Total (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP Land Cover	Vehicular Access Area
Post project	<input type="text" value="6000"/>	<input type="text"/>	<input type="text" value="1000"/>	<input type="text" value="3000"/>	<input type="text" value="2000"/>	<input type="text" value="3000"/>
Pre project	<input type="text" value="6000"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="6000"/>	<input type="text"/>	<input type="text"/>

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[Add another Site Drainage Area to this Plan](#)

[Site Drainage Area Information](#)

▶ **SITE DRAINAGE AREA INFORMATION**

▶ **MAJOR LAND DISTURBING ACTIVITY**

▶ **SWRv AND WQTV**

	Cubic feet	Gallons
Site Drainage Area SWRv	500	3740
Site Drainage Area WQTV	208	1558
Treatment requirement for vehicular access area	143	1066

▶ **BMPs**

[Add BMP to this Site Drainage Area](#)

▶ **DRAINAGE AREA COMPLIANCE**

	Cubic feet	Gallons
Retention volume		

Treatment Trains

Treatment Trains

- Enter information for the first BMP
- Enter information for the downstream BMP
- Create a connection between these two BMPs
- Update this connection as necessary



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Once the BMP is added, you can review your Site Drainage Area or Plan information to see the total retention achieved and the progress toward meeting requirements.

GENERAL BMP INFORMATION

Plan Number 4861	Site Drainage Area ID 4861-2	BMP number 1	BMP ID number 4861-2-1
BMP X Coordinate <input type="text"/>	BMP Y Coordinate <input type="text"/>	BMP installation date	
BMP Group* Bioretention	BMP type* Streetscape bioretention - Enhanced	BMP sub-type Enhanced	
BMP Name First bioretention			
Did DDOE help pay for this BMP? No			

CONTRIBUTING DRAINAGE AREA

In this section, indicate the area that contributes directly to this BMP. Do not include area that contributes first to an upstream BMP.

CDA includes area outside the authority of the site owner

	Total area (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP land cover	Vehicular access area
Post project	2000	<input type="text"/>	<input type="text"/>	1000	1000	1000
Pre project	2000	<input type="text"/>	<input type="text"/>	2000	<input type="text"/>	<input type="text"/>

BMP RETENTION AND TREATMENT ACHIEVED

Enhanced practice with an underdrain

BMP storage volume (cubic feet)

45

Maximum volume received by BMP (cubic feet)	Retention volume achieved (cubic feet)	Potential retention volume remaining (cubic feet)	Additional treatment volume (cubic feet)	Vehicular access volume addressed?
269	45	224	0	No

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Create another BMP in the same Site Drainage Area

BMP Information

GENERAL BMP INFORMATION

Plan Number	Site Drainage Area ID	BMP number	BMP ID number
4861	4861-2	1	4861-2-1

BMP X Coordinate BMP Y Coordinate BMP installation date

BMP Group	BMP type	BMP sub-type
Bioretention	Streetscape bioretention	Enhanced

BMP Name

First bioretention

Did DDOE help pay for this BMP?

No

CONTRIBUTING DRAINAGE AREA

BMP RETENTION AND TREATMENT ACHIEVED

DOWNSTREAM BMP

If this BMP is part of a treatment train, select the downstream BMP. You can click the button below to add a new BMP to the dropdown menu.

Note: Some information is copied from one BMP to another. When storage, retention, and treatment information changes, it may be necessary to "Refresh" some BMPs. When this is necessary, a refresh button will appear at the top of the BMP form.

Downstream BMP ID number

Add downstream BMP

Save

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Once the BMP is added, you can review your Site Drainage Area or Plan information to see the total retention achieved and the progress toward meeting requirements.

GENERAL BMP INFORMATION

Plan Number 4861	Site Drainage Area ID 4861-2	BMP number 2	BMP ID number 4861-2-2
BMP X Coordinate	BMP Y Coordinate	BMP installation date	
BMP Group * Bioretention	BMP type * Streetscape bioretention - Standard	BMP sub-type Standard	
BMP Name Second bioretention			
Did DDOE help pay for this BMP? No			

CONTRIBUTING DRAINAGE AREA

In this section, indicate the area that contributes directly to this BMP. Do not include area that contributes first to an upstream BMP.

CDA includes area outside the authority of the site owner

	Total area (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP land cover	Vehicular access area
Post project	3000			2000	1000	2000
Pre project	3000			3000		

BMP RETENTION AND TREATMENT ACHIEVED

BMP storage volume (cubic feet) 350	Maximum volume received by BMP (cubic feet) 404	Retention volume achieved (cubic feet) 210	Potential retention volume remaining (cubic feet) 194	Additional treatment volume (cubic feet) 140	Vehicular access volume addressed? Yes
---	---	--	---	--	--

Save Delete Return

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Create another BMP in the same Site Drainage Area BMP Information

GENERAL BMP INFORMATION

Plan Number 4861	Site Drainage Area ID 4861-2	BMP number 1	BMP ID number 4861-2-1
BMP X Coordinate <input type="text"/>	BMP Y Coordinate <input type="text"/>	BMP installation date	
BMP Group * Bioretention	BMP type * Streetscape bioretention - Enhanced	BMP sub-type Enhanced	
BMP Name First bioretention			
Did DDOE help pay for this BMP? No			

- CONTRIBUTING DRAINAGE AREA
- BMP RETENTION AND TREATMENT ACHIEVED
- DOWNSTREAM BMP

If this BMP is part of a treatment train, select the downstream BMP. You can click the button below to add a new BMP to the dropdown menu.

Note: Some information is copied from one BMP to another. When storage, retention, and treatment information changes, it may be necessary to "Refresh" some BMPs. When this is necessary, a refresh button will appear at the top of the BMP form.

Downstream BMP ID number

Make a Selection...

4861-2-1 First bioretention Streetscape bioretention

4861-2-2 Second bioretention Streetscape bioretention

Add downstream BMP

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Create another BMP in the same Site Drainage Area

BMP Information

GENERAL BMP INFORMATION

Plan Number	Site Drainage Area ID	BMP number	BMP ID number
4861	4861-2	1	4861-2-1
BMP X Coordinate	BMP Y Coordinate	BMP installation date	
BMP Group	BMP type	BMP sub-type	
Bioretention	Streetscape bioretention	Enhanced	
BMP Name			
First bioretention			
Did DDOE help pay for this BMP?			
No			

CONTRIBUTING DRAINAGE AREA

BMP RETENTION AND TREATMENT ACHIEVED

Enhanced practice with an underdrain

BMP storage volume (cubic feet)
45

Maximum volume received by BMP (cubic feet)	Retention volume achieved (cubic feet)	Potential retention volume remaining (cubic feet)	Additional treatment volume (cubic feet)	Vehicular access volume addressed?
269	45	224	0	Yes

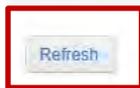
DOWNSTREAM BMP

If this BMP is part of a treatment train, select the downstream BMP. You can click the button below to add a new BMP to the dropdown menu.

Note: Some information is copied from one BMP to another. When storage, retention, and treatment information changes, it may be necessary to "Refresh" some BMPs. When this is necessary, a refresh button will appear at the top of the BMP form.

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It may be necessary to periodically “refresh” a BMP in a treatment train if an upstream or downstream BMP changes

[Create another BMP in the same Site Drainage Area](#)

[BMP Information](#)

GENERAL BMP INFORMATION

Plan Number	Site Drainage Area ID	BMP number	BMP ID number
4861	4861-2	2	4861-2-2
BMP X Coordinate	BMP Y Coordinate	BMP installation date	
BMP Group	BMP type	BMP sub-type	
Bioretention	Streetscape bioretention	Standard	
BMP Name			
Second bioretention			
Did DDOE help pay for this BMP?			
No			

CONTRIBUTING DRAINAGE AREA

UPSTREAM BMPS

Full Report	More	1 BMP		
	BMP type	BMP sub-type	BMP ID number	Volume that can be contributed to treatment train (cubic feet)
	Streetscape bioretention	Enhanced	4861-2-1	224
TOT				224

BMP RETENTION AND TREATMENT ACHIEVED

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[Add another Site Drainage Area to this Plan](#)

[Site Drainage Area Information](#)

- ▶ SITE DRAINAGE AREA INFORMATION
- ▶ MAJOR LAND DISTURBING ACTIVITY
- ▶ SWRV AND WQTV

	Cubic feet	Gallons
Site Drainage Area SWRV	500	3740
Site Drainage Area WQTV	208	1558
Treatment requirement for vehicular access area	143	1066

▶ BMPs

[Add BMP to this Site Drainage Area](#)

[Edit BMP ID Numbers](#)

	Cubic feet	Gallons
Retention volume achieved by BMPs	255	1907
Volume treated	140	1047

Volume treated 140 1047

Full Report		More		2 BMPs				
	BMP ID number	BMP Name	BMP Type and Subtype	Retention volume achieved (cubic feet)	Additional treatment volume (cubic feet)	Vehicular access volume addressed?	Downstream BMP ID Numbers	Total Post project vehicular access area
	4861-2-1	4861-2-1 First bioretention	Streetscape bioretention - Enhanced	45	0	Yes	4861-2-2	1000
	4861-2-2	4861-2-2 Second bioretention	Streetscape bioretention - Standard	210	140	Yes		2000
TOT				255	140			

DRAINAGE AREA COMPLIANCE

	Cubic feet	Gallons
Retention volume remaining	245	1833
Volume remaining to treat WQTV	68	511

50% of SWRv retained?	Runoff from vehicular access areas sufficiently retained or treated?
Yes	Yes
Is treatment required?	Minimum requirements for drainage area met?
No	Yes
Note about SWRv	Note about WQTV
Off Site Retention may be needed.	Off Site Retention may be needed.
<input type="checkbox"/> Can generate SRCs from PROW?	

CHANNEL AND FLOOD PROTECTION

Natural curve number	70	Compacted curve number	74	Impervious curve number	98
Weighted Curve Number	94	S	0.64	Total BMP storage volume	395



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Identify Errors

Required Plan Compliance Sheet

- ▶ PLAN TYPE AND EXEMPTIONS
- ▶ SITE AND LOCATION
- ▶ LAND COVER AND SITE DRAINAGE AREAS

[Add Site Drainage Area](#)

Total area

11,000

Post-project natural land cover	Post-project compacted land cover	Post-project impervious land cover	Post-project BMP land cover
0	1000	7000	3000
Pre-project natural land cover	Pre-project compacted land cover	Pre-project impervious land cover	Pre-project BMP land cover
0	5000	6000	0

Site Drainage Areas

Full Report More ▾ 2 Site Drainage Areas					
	Site Drainage Area ID	CSS?	AWDZ	Type of Activity	Minimum requirements for drainage area met?
	4861-1	Yes	Non-AWDZ	Major Land Disturbing	N/A
	4861-2	No	AWDZ	Major Land Disturbing	Yes

	4861-1	Yes	Non-AWDZ	Major Land Disturbing	N/A
	4861-2	No	AWDZ	Major Land Disturbing	Yes

BMPs

Full Report | More ▾ 4 BMPs

BMP title	BMP storage volume (cubic feet)	Retention volume achieved (cubic feet)	Downstream BMP ID Numbers	Treatment Train
4861-1-1 Green Roof 1 Extensive green roof	60	60		
4861-1-2 Bioretention behind the building Engineered tree pits	200	200		
4861-2-1 First bioretention Streetscape bioretention	45	45	4861-2-2	TT - 4861-2-2
4861-2-2 Second bioretention Streetscape bioretention	350	210		TT - 4861-2-2
TOT	655	515		

RETENTION AND TREATMENT REQUIREMENTS

Site SWRv (cubic feet)	Site SWRv (gal)
975	7293
Plan WQTV (cubic feet)	Plan WQTV (gal)
208	1558

RETENTION AND TREATMENT ACHIEVED

Total on-site retention volume achieved by BMPs (cubic feet)	Total on-site retention volume achieved by BMPs (gal)
515	3852
Site retention volume remaining (cubic feet)	Site retention volume remaining (gal)
460	3441
Total volume treated (cubic feet)	Total volume treated (gal)
140	1047
Total volume remaining to treat WQTV (cubic feet)	Total treatment volume remaining to treat WQTV (gal)
68	511

SUMMARY, OFFv, AND SRCs

At least 50% of SWRv for the Site Retained? Offv
Yes 3952

DETENTION REQUIREMENTS

DETENTION REQUIREMENTS

use default curve numbers

Detention requirements are calculated using the rational method

Natural Curve Number	Compacted Curve Number	Impervious Curve Number
70	74	98
Pre-development curve number	Pre-project curve number	
70	87	
2-year storm adjusted curve number	15-year storm adjusted curve number	100-year storm adjusted curve number
88	89	90

PROJECT DESCRIPTION

Project Name	Property Class	
Text Project	Commercial	
Total cost of construction	Cost of building renovation	Submission Type
\$1,000,000.00	20000	ProjectDox

Project Description

This is an example project

[Notify DDOE of removal of BMPs from pre-existing plans](#)

Is this a PUD project

No

CONSTRUCTION INFORMATION

[Edit construction information](#)

Engineering company

Project engineer Project engineer email

Project engineer phone Project engineer fax

Building permit number Permit types

GREEN AREA RATIO

Save [←Return](#)

▶ SITE AND PLAN INFORMATION

Primary Street Address SWMP number File number
1200 1ST Street NE [4861](#)

Property Class Ward Sewershed
Commercial 6 MS4

Inspector Name Inspector Badge number

▶ CONSTRUCTION INFORMATION

Engineering company

Project engineer

Project engineer email

Project engineer phone

 ext.

Project engineer fax

 ext.

Contractor

Contractor phone

 ext.

Person responsible for maintenance

Phone number for person responsible for maintenance

 ext.

Email address for person responsible for maintenance

Building permit number

Permit type

 ▼

TOPS Permit Number

▶ DOCUMENTS

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PROJECT DESCRIPTION

Project Name	Property Class	
Text Project	Commercial	
Total cost of construction	Cost of building renovation	Submission Type
\$1,000,000.00	20000	ProjectDox

Project Description

This is an example project

[Notify DDOE of removal of BMPs from pre-existing plans](#)

Is this a PUD project

No

CONSTRUCTION INFORMATION

[Edit construction information](#)

Engineering company

Project engineer Project engineer email

Project engineer phone Project engineer fax

Building permit number Permit types

GREEN AREA RATIO

Zone	Required GAR Score	Actual GAR Score
C-3-C	0.2	

PLAN DOCUMENTS

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Attachment Type of Document Comment

No documents found



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Type of Document*

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Required Plan Compliance Sheet

PLAN TYPE AND EXEMPTIONS

Transition period vesting date

07-15-2015 or later

Is the plan a Stormwater Management Plan?

Yes

Is the plan a Soil Erosion and Sediment Control Plan?

Yes

Is the plan a Green Area Ratio plan?

Yes

Project solely involves reconstruction of existing PROW

SWMP number

4861

What type of activity is Site undergoing?

Major Land Disturbing

Is Site an "AWDZ site?"

Partially AWDZ

Are there trees that are at least 55 inches in circumference?

Does the plan have an EISF Requirement

Request exceptions

Relief from extraordinarily difficult site conditions

Exception to 25-foot buffer

Is the site exempt from detention requirements for the 2-year storm

No

SITE AND LOCATION

Stormwater Management Plan Compliance Data

Site Address	1200 1ST Street NE	Plan number	4861
Stormwater Management Plan?	Yes	Green Area Ratio?	Yes
Soil Erosion and Sediment Control?	Yes	Floodplain Review?	No
Type of Activity	Major Land Disturbing	AWDZ?	Partially AWDZ

	Total Area (sf)	Site Area	PROW
Natural	0	0	
Compacted	1,000	1,000	
Impervious	7,000	7,000	
BMP	3,000	3,000	
Total	11,000	11,000	

Curve Numbers

Detention requirements calculated with rational method?

Pre-development	70	2-year storm adjusted CN	88
Pre-project	87	15-year storm adjusted CN	89
		100-year storm adjusted CN	90

Requirements Summary (total is the sum of PROW and Parcel)

	PROW (ft ³)	Parcel (ft ³)	Total (ft ³)	Total (Gallons)
SWRv		975	975	7,293
WQTV		208	208	1,558
On-site retention achieved		515	515	3,852
On-site treatment achieved		140	140	1,047
% of SWRv met on-site		53%	52.82%	52.82%
SRC eligibility (all numbers in gallons)				0
Offv				3,952

Site Drainage Area Compliance Data

Site Drainage Area ID	Public Right of Way	Total area (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Vehicular access area	SWRv (cubic feet)	WQTV (cubic feet)	Volume retained (cubic feet)	Volume treated (cubic feet)	2-year storm adjusted Curve Number	15-year storm adjusted Curve Number	100-year storm adjusted Curve Number	Compliant
4861-2	<input type="checkbox"/>	6,000		1,000	3,000	2,000	3,000	500	208	255	140	85	87	87	Yes
4861-1	<input type="checkbox"/>	5,000			4,000	1,000		475		260		92	92	93	N/A

Site BMP Compliance Data

BMP ID number	Type	Total CDA (square feet)	Natural (square feet)	Compacted (square feet)	Impervious (square feet)	BMP (square feet)	Total Post project vehicular access area	Volume received from upstream BMPs (cubic feet)	Max volume received by BMP (cubic feet)	Storage volume (cubic feet)	Retention calculation	Volume retained (cubic feet)	Volume treated (cubic feet)	Downstream BMP ID Numbers
4861-1-1	Extensive green roof	500				500			67	60	100% of storage volume	60		
4861-1-2	Engineered tree pits - Enhanced	2,000			1,500	500			269	200	100% of storage volume	200		
4861-2-1	Streetscape bioretention - Enhanced	2,000			1,000	1,000	1,000		269	45	100% of storage volume	45		4861-2-2
4861-2-2	Streetscape bioretention - Standard	3,000			2,000	1,000	2,000	224	628	350	60% of storage volume	210	140	

PROW Drainage Area Compliance Data

PROW BMP Compliance Data



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Required Plan Compliance Sheet

PLAN TYPE AND EXEMPTIONS

Transition period vesting date

07-15-2015 or later

Is the plan a Stormwater Management Plan?

Yes

Is the plan a Soil Erosion and Sediment Control Plan?

Yes

Is the plan a Green Area Ratio plan?

Yes

Project solely involves reconstruction of existing PROW

SWMP number

4861

What type of activity is Site undergoing?

Major Land Disturbing

Is Site an "AWDZ site?"

Partially AWDZ

Are there trees that are at least 55 inches in circumference?

Does the plan have an EISF Requirement

Request exceptions

Relief from extraordinarily difficult site conditions

Exception to 25-foot buffer

Is the site exempt from detention requirements for the 2-year storm

No

SITE AND LOCATION



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Full Report | More ▾ | 5 Errors

Error	Instructions	Fix the error
There is no site owner or manager listed	The site must have an owner or manager listed to submit a SWMP. The site owner or manager must have a Stormwater Database account. Please refer to the Stormwater Database user manual for instructions to set up an agent relationship if necessary.	Fix the error
One or more BMPs are missing X and Y coordinates	All BMPs must have X and Y coordinates (MD State Plane, North American Datum (NAD) 1983 in meters). Click "Fix the error" to enter BMP X and Y coordinates.	Fix the error
One or more BMPs in a treatment train need to be "refreshed" to ensure accurate retention and treatment volumes	Some information in a treatment train is copied from one BMP to another. It may sometimes be necessary to "refresh" some BMPs to ensure that information is accurate. click "Fix the error" to display a list of BMPs that need to be refreshed.	Fix the error
There is no construction information	Click "Fix the error" to enter construction information.	Fix the error
You must indicate if the plan has an EISF requirement	Complete an Environmental Intake Form to determine if the plan has an EISF requirement: http://dcra.dc.gov/service/permits-environmental-review	Fix the error



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Plan number [4861](#)

Date 09-21-2015

Who should receive email communication from DDOE regarding this plan?

Click Save to submit this information to DDOE.

DDOE will begin its review when submittal of all materials is complete. This includes submission of the plan at DCRA.

When DDOE begins its review, your access to this plan information will be read-only.

[Submit Plan Information](#)



[Use the old Stormwater Database design](#)



Plan Submitted to DDOE Inbox x



notify@quickbase.com
to me

5:02 PM (0 minutes ago) ☆ ↶



This is confirmation that you have submitted information in the Stormwater Database to support your application for plan number 4861. **FOLLOW THESE STEPS TO COMPLETE YOUR SUBMISSION PROCESS**. Please visit the DCRA Permit Center, where DOEE will provide invoices for filing fees. Please scan and upload the receipt(s) for fee payment to the Stormwater Database. DOEE will begin its review when submittal of all materials is complete. When DOEE begins its review, your access to this plan information will be read-only.

The plan you submitted has an Offv requirement of 3952 gallons. Offv is an annual commitment that may be met through the use of SRCs, payment of the ILF, or a combination of SRC use and ILF payment. Offv must be met beginning with the date of the Final Construction Inspection. Regulated sites are responsible for their Offv on an ongoing basis. If onsite retention is increased in the future, Offv can be reduced.

A list of SRCs for Sale is available in the SRC Registry, as is a list of expected SRCs (the SRC eligibility for SWMPs that have been approved by DDOE but have not yet had a Final Construction Inspection).

[You can log into the database to periodically check on your plan's status.](#)

GREEN AREA RATIO

Zone: C-3-C | Required GAR Score: 0.2 | Actual GAR Score:

PLAN DOCUMENTS

Add Document

Attachment | Type of Document | Comment

No documents found

PLAN REVIEW

Full Report	More	1 Plan Status			
	▼ Date	Submittal number	Status	Notes	Changes from previous submittal
	09-21-2015	1	Submitted		

Database shows assigned plan reviewer and review status

SWM/ESC | Reviewer Email | Reviewer Phone
 GAR Reviewer Name | GAR Reviewer Email | GAR Reviewer Phone

FEES

Total fees			Total fees paid					
Fee Type	Total ESC fees	ESC fees paid	Total SWMP Fees	SWMP fees paid	Total GAR Fees	GAR fees paid	Total Floodplain Fees	Total Floodplain Fees Paid
No fees found								

INSPECTIONS

Final Construction Inspection Date

Construction inspections

Inspection Date	Final Construction Inspection?	Documents and Photos	Comments
No inspections found			

Inspection dates and documents can be accessed

Maintenance inspections

Inspection Date	Documents and Photos	Comments
No inspections found		

Exemptions from GAR or Erosion and Sediment Control



STORMWATER DATABASE

Welcome, Project

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PLAN TYPE AND EXEMPTIONS

Transition period vesting date *

07-15-2015 or later

Is the plan a Stormwater Management Plan? *

Yes

Is the plan a Soil Erosion and Sediment Control Plan? *

Yes

Is the plan a Green Area Ratio plan? *

Yes

Project solely involves reconstruction of existing PROW

SWMP number

What type of activity is Site undergoing? *

Are there trees that are at least 55 inches in circumference?

Does the plan have an EISF Requirement

Request exceptions:

Relief from extraordinarily difficult site conditions Exception to 25-foot buffer

Is the site exempt from detention requirements for the 2-year storm

No

SITE AND LOCATION

Site *

Is the entire site in the CSS? *



DATABASE

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PLAN TYPE AND EXEMPTIONS

Transition period vesting date *

07-15-2015 or later

Is the plan a Stormwater Management Plan? *

Yes

Is the plan a Soil Erosion and Sediment Control Plan? *

Yes

Is the plan a Green Area Ratio plan? *

No - GAR Exemption

[Download Application for Exemption Status](#)

Project solely involves reconstruction of existing PROW *

SWMP number

What type of activity is Site undergoing? *

Are there trees that are at least 55 inches in circumference?

Does the plan have an EISF Requirement

Request exceptions:

Relief from extraordinarily difficult site conditions

Is the site exempt from detention requirements? *

No

SITE AND LOCATION

Site *

1200 1ST Street NE

Is the

Yes

Major drainage area *

Minor Dr

Before submitting this plan, you must attach an Application for Exemption Status or an Application for Transition Exemption Status. You can attach documents after saving this form. You can download an application for exemption at <http://ddoe.dc.gov/gar>

OK

DATABASE

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Save

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PLAN TYPE AND EXEMPTIONS

Transition period vesting date *

07-15-2015 or later

Is the plan a Stormwater Management Plan? *

Yes

Is the plan a Soil Erosion and Sediment Control Plan? *

No

Is the plan a Green Area Ratio plan? *

No - GAR Exemption

[Download Application for Exemption Status](#)

Project solely involves reconstruction of existing PROW

SWMP number

What type of activity is Site undergoing? *

Are there trees that are at least 55 inches in circumference?

Does the plan have an EISF Requirement

Request exceptions:

Relief from extraordinarily difficult site conditions

Is the site exempt from detention requirements for the 2-year storm

No

Describe exemption from Erosion and Sediment Control*

DATABASE

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Save

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PLAN TYPE AND EXEMPTIONS

Transition period vesting date *

07-15-2015 or later

Is the plan a Stormwater Management Plan? *

Yes

Is the plan a Soil Erosion and Sediment Control Plan? *

No

Is the plan a Green Area Ratio plan? *

No - GAR Exemption

[Download Application for Exemption Status](#)

Project solely involves reconstruction of existing PROW

SWMP number

What type of activity is Site undergoing? *

Major Substantial Improvement

Is Site an "AWDZ site?" *

Non-AWDZ

[Map of AWDZ](#)

Are there trees that are at least 55 inches in circumference?

Does the plan have an EISF Requirement

Request exceptions:

Relief from extraordinarily difficult site conditions

Is the site exempt from detention requirements for the 2-year storm

Yes

Describe exemption from Erosion and Sediment Control*

description of exemption

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[Add another Site Drainage Area to this Plan](#)

[Site Drainage Area Information](#)

SITE DRAINAGE AREA INFORMATION

Plan s5590	Site Drainage Area Number 1	Site Drainage Area ID s5590-1
<input type="checkbox"/> Public Right of Way		
Type of activity Site is undergoing Major Substantial Improvement	Is Site Drainage Area in the AWDZ? Non-AWDZ	SWRv rain event (in) 0.8
Is the Site Drainage Area in the CSS? Yes	Site Drainage Area major drainage basin Anacostia	Site minor drainage basin -Not Known-
Does the Site Drainage Area drain directly, or through the MS4 directly to C&O canal, Tidal Anacostia, Potomac, Washington Ship Channel without first discharging to a tributary? Yes		

MAJOR SUBSTANTIAL IMPROVEMENT ACTIVITY

Total building footprint included in Major Substantial Improvement activity in this Site Drainage Area

	Total (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP Land Cover
Post project	5000			5000	
Pre project	5000			5000	

SWRv AND WQTV

	Cubic feet	Gallons
Site Drainage Area SWRv	317	2369

GENERAL BMP INFORMATION

Plan Number s5590	Site Drainage Area ID s5590-1	BMP number 1	BMP ID number s5590-1-1
BMP X Coordinate <input type="text"/>	BMP Y Coordinate <input type="text"/>	BMP installation date	
BMP Group * Rainwater Harvesting	BMP type * Rainwater harvesting -	BMP sub-type	
BMP Name <input type="text"/>			
Did DDOE help pay for this BMP? No			

CONTRIBUTING DRAINAGE AREA

In this section, indicate the area that contributes directly to this BMP. Do not include area that contributes first to an upstream BMP.

CDA includes area outside the authority of the site owner

	Total area (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP land cover
Post project	5000	<input type="text"/>	<input type="text"/>	5000	<input type="text"/>
Pre project	5000	<input type="text"/>	<input type="text"/>	5000	<input type="text"/>

BMP RETENTION AND TREATMENT ACHIEVED

[Rainwater Harvesting Calculator](#)

BMP storage volume (cubic feet) <input type="text"/>	Size of Rainwater Harvesting Practice (cubic feet) <input type="text"/>			
Maximum volume received by BMP (cubic feet) 673	Retention volume achieved (cubic feet) 0	Potential retention volume remaining (cubic feet) 673	Additional treatment volume (cubic feet) 0	
How is stormwater used?				
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Flushing toilets/urinals	<input type="checkbox"/> Laundry		
<input type="checkbox"/> Cooling towers	Other uses <input type="text"/>			

Use the rainwater harvesting calculator to determine retention value

File Home Insert Page Layout Formulas Data Review View Developer

Clipboard Font Alignment Number Styles Cells Editing

Times New Roma 14 A A Wrap Text Merge & Center

Conditional Formatting Format as Table Cell Styles

Insert Delete Format Sort & Filter Find & Select

L56

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	DISTRICT OF COLUMBIA -- RAINWATER HARVESTING STORAGE VOLUME CALCULATOR														
2	Input														
3	STORM EVENT														
4	Storm Event (inches)											1.7			
5															
6	CONTRIBUTING DRAINAGE AREA (CDA)														
7	How big is the impervious CDA (SF)?														
8															
9	IRRIGATION														
10															
11	How big is the area to irrigate? (SF)														
12															
13	Does the irrigation system have smart controls (e.g. soil moisture sensor shutoff)? If no, leave unchecked.											<input type="checkbox"/>	Yes		
14															
15	Enter the average weekly irrigation application rate in inches/week for each month throughout the year (inches/week)														
16	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec			
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
18															
19	INDOOR DEMAND - FLUSHING TOILETS/URINALS														
20	Water closet and urinal use (if only toilets are used, set urinals = 0)														
21	How many people will use the building? (# people)														
22															
23	How much water will each urinal use? (gallons/flush) Set to 0 if no urinal											0.80			

Color Code

- Title/New Category
- Required Entry value
- Alternate Category E
- Final Category Value

File Home Insert Page Layout Formulas Data Review View Developer

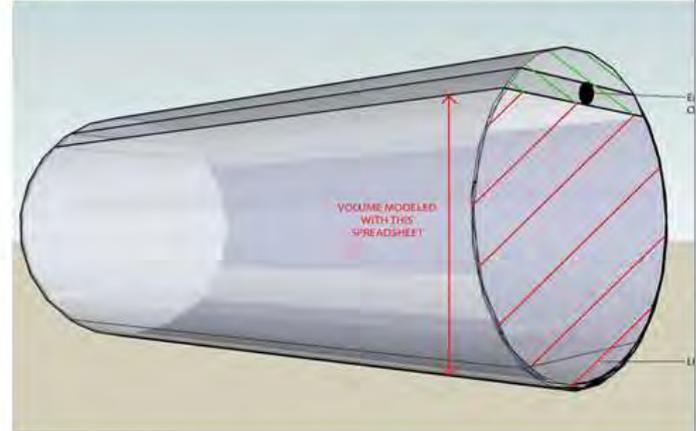
Arial 10 A A

Clipboard Font Alignment Number Styles Cells Editing

R57

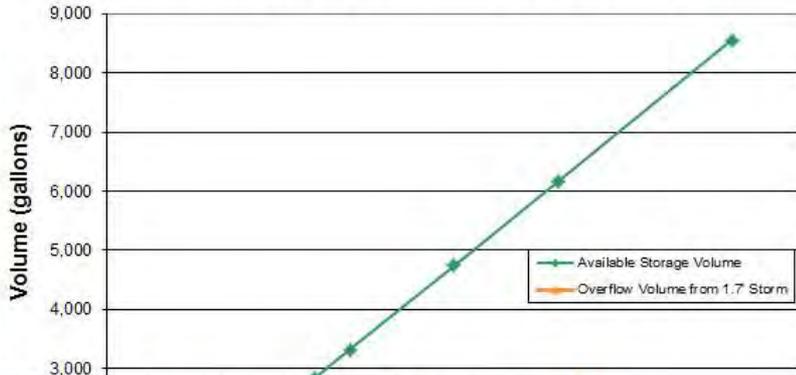
Storage Volume Summary: Results for a P" Storm, where P" = 1.7"

	Cistern Volume (gallons)	Average Volume in Cistern (1977-2007)	Overflow Volume caused by 1.7" Storm (gallons)	Available Storage Volume (gallons)	Available Storage Volume (Sv) (cubic feet)
5					
6	500	25	0	475	64
7	1,000	50	0	950	127
8	1,500	75	0	1,425	191
9	2,000	100	0	1,900	254
10	2,500	125	0	2,375	318
11	3,000	150	0	2,850	381
12	3,500	175	0	3,325	445
13	5,000	250	0	4,750	635
14	6,500	325	0	6,175	826
15	9,000	450	0	8,550	1143



Note: Cistern Volume does not include detention for larger storm events. Detention volume that will be drawn down after each storm event should be m

Cistern Volume and Available Storage Volume



Public Right of Way

Public Right of Way

- Meet requirements to the Maximum Extent Practicable (MEP)
- “Type 1” roadway reconstruction projects
 - Submit at 30%, 65%, 90%, and final design phases
- “Type 2” parcel-based projects

Type 1



STORMWATER DATABASE

Welcome, Project

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New Site

Site with Stormwater Management Requirements

Site with ESC and/or GAR only

Roadway reconstruction project



[Use the old Stormwater Database design](#)

6. Click "Save"

SITE INFORMATION

Address Format*

Block

Address on building permit application*

Block number*

Street name*

Street type*

Quadrant*

Description of location*

SITE OWNER

Site Owner/Manager

Make a Selection...

LOCATION

Find Storm Sewer System

Find coordinates, square, suffix, and lot



Find Major and Minor Drainage Areas

Find assessed value

Find zone



Find Soil Type



Flood Zone Determination Tool

X coordinate

Y coordinate

Storm sewer system*

Major drainage area*

Minor drainage area*

Make a Selection...

Ward

Soil type

Assessed building value

Square

Suffix

Lot

6. Click "Save"

SITE INFORMATION

Address Format *

Block

Address on building permit application*

0 First Street NE

Block number*

1200

Street name *

First

Street type *

Square

Quadrant *

NE

Description of location*

Reconstruction of First St NE between M St NE and N St NE

SITE OWNER

Site Owner/Manager

Make a Selection...

LOCATION

Find Storm Sewer System

Find coordinates, square, suffix, and lot



Find Major and Minor Drainage Areas

Find assessed value

Find zone



Find Soil Type



Flood Zone Determination Tool

X coordinate

Y coordinate

Storm sewer system *

CSS

Major drainage area *

Anacostia

Minor drainage area *

-Not Known-

Ward

Soil type

Assessed building value

Square

Suffix

Lot

Save

[Return](#)

PLAN TYPE AND EXEMPTIONS

Transition period vesting date *

07-15-2015 or later

Is the plan a Stormwater Management Plan? *

Yes

Is the plan a Soil Erosion and Sediment Control Plan? *

Yes

Is the plan a Green Area Ratio plan? *

No - GAR does not apply to this property

Project solely involves reconstruction of existing PROW

Design phase*

- 30%
- 65%
- 90%
- Final

SWMP number

What type of activity is Site undergoing? *

Are there trees that are at least 55 inches in circumference?

Does the plan have an EISF Requirement

Request exceptions:

Relief from extraordinarily difficult site conditions Exception to 25-foot buffer

Is the site exempt from detention requirements for the 2-year storm

No

SITE AND LOCATION

Site *

0 First Street NE

Is the entire site in the CSS? *

Yes

Major drainage area *

Anacostia

Minor Drainage Area *

-Not Known-

LAND COVER

Total post project area (square feet) Natural Compacted Impervious BMP

0

Total pre project area (square feet) Natural Compacted Impervious BMP

0

Type 2



https://octo.quickbase.com/up/bjkoxxcfcg/rb7/eg/va/levels.l DDOE Stormwater Database



File Edit View Favorites Tools Help



STORMWATER DATABASE

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[Support](#)

New Site

Site with Stormwater
Management Requirements

Site with ESC and/or GAR
only

Roadway reconstruction
project



[Use the old Stormwater Database design](#)



STORMWATER DATABASE

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[Save](#) [--Return](#)

Once the Site Drainage Area is added, you can review your plan information to see the total land cover, retention requirements, and retention achieved for all of your Site Drainage Areas combined.

Plan [s5590](#) Site Drainage Area Number 3 Site Drainage Area ID s5590-3

- Site Drainage Area is in the Public Right of Way
- MEP process used ⓘ

Type of activity Site Drainage Area is undergoing
Major Substantial Improvement

Is Site Drainage Area in the AWDZ? Non-AWDZ ⓘ SWRv rain event (in) 1.2

Is the Site Drainage Area in the CSS? Yes

Site Drainage Area major drainage basin Anacostia Site Drainage Area minor drainage basin -Not Known-

Is the entire Site Drainage Area exempt from detention requirements for the 2-year storm? No

MAJOR SUBSTANTIAL IMPROVEMENT ACTIVITY

Only include area within the limits of disturbance (including the building footprint)

	Total (square feet)	ⓘ Natural land cover	ⓘ Compacted land cover	ⓘ Impervious land cover	ⓘ BMP Land Cover
Post project	1500	<input type="text"/>	<input type="text"/>	1000	500
Pre project	1500	<input type="text"/>	<input type="text"/>	1500	<input type="text"/>

Save

Return

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Once the BMP is added, you can review your Site Drainage Area or Plan information to see the total retention achieved and the progress toward meeting requirements.

GENERAL BMP INFORMATION

Plan Number s5590	Site Drainage Area ID s5590-3	BMP number 1	BMP ID number s5590-3-1
BMP X Coordinate <input type="text"/>	BMP Y Coordinate <input type="text"/>	BMP installation date	
BMP Group * Permeable Pavement	BMP type * Pervious concrete - Enhanced	BMP sub-type Enhanced	
BMP Name <input type="text"/>			
Did DDOE help pay for this BMP? No			

CONTRIBUTING DRAINAGE AREA

In this section, indicate the area that contributes directly to this BMP. Do not include area that contributes first to an upstream BMP.

	Total area (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP land cover
Post project	500	<input type="text"/>	<input type="text"/>	<input type="text"/>	500
Pre project	500	<input type="text"/>	<input type="text"/>	500	<input type="text"/>

BMP RETENTION AND TREATMENT ACHIEVED

Enhanced practice with an underdrain

BMP storage volume (cubic feet) <input type="text"/>	Maximum volume received by BMP (cubic feet) 67	Retention volume achieved (cubic feet) 0	Potential retention volume remaining (cubic feet) 67	Additional treatment volume (cubic feet) 0
---	---	---	---	---

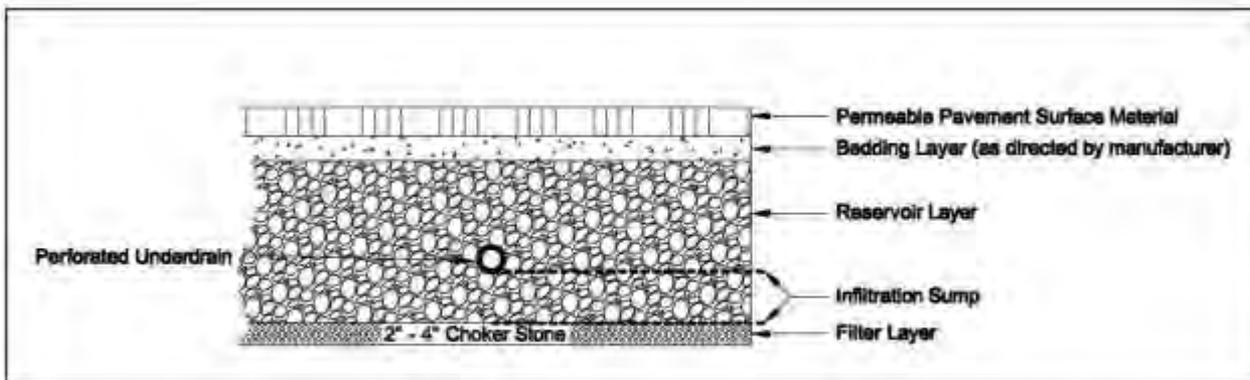


Figure 3.14 Cross section of an enhanced permeable pavement design with an underdrain.

Page 80 of the Stormwater
Management Guidebook
(doee.dc.gov/swguidebook)

Save

[Return](#)

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Once the BMP is added, you can review your Site Drainage Area or Plan information to see the total retention achieved and the progress toward meeting requirements.

GENERAL BMP INFORMATION

Plan Number s5590	Site Drainage Area ID s5590-3	BMP number 1	BMP ID number s5590-3-1
BMP X Coordinate <input type="text"/>	BMP Y Coordinate <input type="text"/>	BMP installation date	
BMP Group * Permeable Pavement	BMP type * Pervious concrete - Enhanced	BMP sub-type Enhanced	
BMP Name <input type="text"/>			
Did DDOE help pay for this BMP? No			

CONTRIBUTING DRAINAGE AREA

In this section, indicate the area that contributes directly to this BMP. Do not include area that contributes first to an upstream BMP.

	Total area (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP land cover
Post project	500	<input type="text"/>	<input type="text"/>	<input type="text"/>	500
Pre project	500	<input type="text"/>	<input type="text"/>	500	<input type="text"/>

BMP RETENTION AND TREATMENT ACHIEVED

Enhanced practice with an underdrain

BMP storage volume (cubic feet) 60	Infiltration sump storage volume (cubic feet) 30	Maximum volume received by BMP (cubic feet) 67	Retention volume achieved (cubic feet) 53	Potential retention volume remaining (cubic feet) 15	Additional treatment volume (cubic feet) 8
--	--	--	---	--	--

Retention volume achieved by BMPs 53 393

Volume treated 8 56

Full Report		More		1 BMP				
	BMP ID number	BMP Name	BMP Type and Subtype	Retention volume achieved (cubic feet)	Additional treatment volume (cubic feet)	Vehicular access volume addressed?	Downstream BMP ID Numbers	Total Post project vehicular access area
	s5590-3-1	s5590-3-1	Pervious concrete - Enhanced with underdrain	53	8	N/A		
TOT				53	8			

DRAINAGE AREA COMPLIANCE

Cubic feet Gallons

Retention volume remaining 90 673

50% of SWRv retained? Runoff from vehicular access areas sufficiently retained or treated?

No N/A

Is treatment required? Minimum requirements for drainage area met?

No N/A

Note about SWRv

- MEP process used
- Can generate SRCs from PROW?
- DDOE approval of MEP process

RETENTION AND TREATMENT REQUIREMENTS

Site SWRv (cubic feet) 143
Site SWRv (gal) 1066

RETENTION AND TREATMENT ACHIEVED

Total on-site retention volume achieved by BMPs (cubic feet)	53	Total on-site retention volume achieved by BMPs (gal)	393
Site retention volume remaining (cubic feet)	0	Site retention volume remaining (gal)	0
Total volume treated (cubic feet)	8	Total volume treated (gal)	56

SUMMARY, OFFv, AND SRCs

At least 50% of SWRv for the Site Retained? No

Offv 0

PROJECT DESCRIPTION

Project Name Property Class

Total cost of construction Cost of building renovation Submission Type

Project Description

Notify DDOE of removal of BMPs from pre-existing plans

Is this a PUD project

CONSTRUCTION INFORMATION

Edit construction information

Engineering company

Project engineer Project engineer email

Plans Vested Under Transition Period 1

Save

[←Return](#)

PLAN TYPE AND EXEMPTIONS

Transition period vesting

- Make a Selection...
- 01-15-2014 or earlier
- 01-16-2014 to 01-15-2015
- 01-16-2015 to 07-14-2015
- 07-15-2015 or later

Justification for vesting under a prior transition period

Is the plan a Soil Erosion and Sediment Control Plan? *

Yes

Is the plan a Green Area Ratio plan? *

Yes

Yes

Project solely involves reconstruction of existing PROW

SWMP number

Plan has a water quality treatment volume

Water quality treatment volume (gal)

Are there trees that are at least 55 inches in circumference?

Does the plan have an EISF Requirement

Request exceptions:

Relief from extraordinarily difficult site conditions

Exception to 25-foot buffer

SITE AND LOCATION

Site *

1200 1ST Street NE

Is the entire site in the CSS? *

Yes

Major drainage area *

Anacostia

Minor Drainage Area *

-Not Known-

PROJECT DESCRIPTION

Project Name

Property Class

Unregulated Plans

Save

[Return](#)

PLAN TYPE AND EXEMPTIONS

Transition period vesting date *

07-15-2015 or later

Is the plan a Stormwater Management Plan? *

Yes

Is the plan a Soil Erosion and Sediment Control Plan? *

Yes

Is the plan a Green Area Ratio plan? *

Yes

Project solely involves reconstruction of existing PROW

SWMP number

What type of activity is Site undergoing? *

Unregulated

Are there trees that are at least 55 inches in circumference?

Does the plan have an EISF Requirement

Request exceptions:

Relief from extraordinarily difficult site conditions

Exception to 25-foot buffer

Is the site exempt from detention requirements for the 2-year storm

No

SITE AND LOCATION

Site *

1200 1ST Street NE

Is the entire site in the CSS? *

Yes

Major drainage area *

Anacostia

Minor Drainage Area *

-Not Known-

PROJECT DESCRIPTION

Project Name

Property Class

[Edit This Record](#) [←Return](#)

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[Add another Site Drainage Area to this Plan](#)

[Site Drainage Area Information](#)

▾ SITE DRAINAGE AREA INFORMATION

Plan	Site Drainage Area Number	Site Drainage Area ID
4869	1	4869-1
<input type="checkbox"/> Public Right of Way		
Type of activity Site is undergoing	Is Site Drainage Area in the AWDZ?	i SWRv rain event (in)
Unregulated		0
Is the Site Drainage Area in the CSS?	Site Drainage Area major drainage basin	Site minor drainage basin
Yes	Anacostia	-Not Known-
i Is the entire Site Drainage Area exempt from detention requirements for the 2-year storm?		
No		

▾ LAND COVER

	Total (square feet) i	Natural land cover i	Compacted land cover i	Impervious land cover i	BMP Land Cover i
Post project	4000		1000	1000	2000
Pre project	4000		2000	2000	

▾ BMPs

[Add BMP to this Site Drainage Area](#)

BMPs

Add BMP to this Site Drainage Area

Edit BMP ID Numbers

	Cubic feet	Gallons
Retention volume achieved by BMPs	400	2992
Volume treated	0	0

Full Report		More		2 BMPs				
	BMP ID number	BMP Name	BMP Type and Subtype	Retention volume achieved (cubic feet)	Additional treatment volume (cubic feet)	Vehicular access volume addressed?	Downstream BMP ID Numbers	Total Post project vehicular access area
	4869-1-1	4869-1-1	Stormwater planters - Enhanced	250	0	N/A		
	4869-1-2	4869-1-2	Infiltration basin	150	0	N/A		
TOT				400	0			

NET SRCs FOR UNREGULATED SITES

Pre-project land cover retention (cubic feet)	Pre-project BMP retention (cubic feet)	Total pre-project retention (cubic feet)	
227		227	
Post-project land cover retention (cubic feet)	Retention volume achieved by BMPs (cubic feet)	Total post-project retention (cubic feet)	
128	400	528	
Total additional retention proposed (cubic feet)	Total additional retention proposed (gal)	SRC Ceiling (gal)	Maximum SRCs (gal)
301	2250	2543	2543
Net SRC Eligibility (gal)			
2250			

More than one type of activity

More Than One Type of Activity

Example 4

Building 1 Footprint = 4,000 square feet Construction cost \geq 50% assessed value of building	Land Disturbance = 5,000 square feet
--	---

Retention Standard for 4,000 square feet (Building 1) 0.8 inches
 Retention Standard for 5,000 square feet (Land Disturbance) 1.2 inches

Example 5

Building 1 Footprint = 4,000 square feet Construction cost \geq 50% assessed value of building	Land Disturbance = 5,000 square feet	Public Right-of-Way (PROW) Land Disturbance = 1,000 square feet
--	---	---

Retention Standard for 4,000 square feet (Building 1) 0.8 inches
 Retention Standard for 5,000 square feet (Land Disturbance) 1.2 inches
 Retention Standard for 1,000 square feet (PROW Land Disturbance) 1.2 inches to the maximum extent practicable (MEP)

Note: Stormwater from PROW must be managed.

Example 6

Building 1 Footprint = 4,000 square feet Construction cost \geq 50% assessed value of building	Land Disturbance = 4,000 square feet	Public Right-of-Way (PROW) Land Disturbance = 1,000 square feet
--	---	---

Retention Standard for 4,000 square feet (Building 1) 0.8 inches
 Retention Standard for 4,000 square feet (Land Disturbance) 1.2 inches
 Retention Standard for 1,000 square feet (PROW Land Disturbance) 1.2 inches to the MEP

Note: Stormwater from PROW must be managed.

Examples from *Clarifications to the 2013 Rule and Guidebook* available at doee.dc.gov/swregs and doee.dc.gov/swguidebook

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PLAN TYPE AND EXEMPTIONS

Transition period vesting date *

07-15-2015 or later

Is the plan a Stormwater Management Plan? *

Yes

Is the plan a Soil Erosion and Sediment Control Plan? *

Yes

Is the plan a Green Area Ratio plan? *

Yes

Project solely involves reconstruction of existing PROW

SWMP number

What type of activity is Site undergoing? *

More than one type of activity

Is Site an "AWDZ site?" *

Partially AWDZ

[Map of AWDZ](#)

Are there trees that are at least 55 inches in circumference?

Does the plan have an EISF Requirement

Request exceptions:

Relief from extraordinarily difficult site conditions Exception to 25-foot buffer

Is the site exempt from detention requirements for the 2-year storm

No

SITE AND LOCATION

Site *

1200 1ST Street NE

Is the entire site in the CSS? *

No

Major drainage area *

More than one major drainage basin

Minor Drainage Area *

More than one minor drainage basin

PROJECT DESCRIPTION

[Save](#) [Return](#)

Once the Site Drainage Area is added, you can review your plan information to see the total land cover, retention requirements, and retention achieved for all of your Site Drainage Areas combined.

Plan
s5623

Site Drainage Area Number
1

Site Drainage Area ID
s5623-1

Site Drainage Area is in the Public Right of Way

Type of activity Site Drainage Area is undergoing*
Mix of Major Land Disturbing and Major Substantial Improvement

Is Site Drainage Area in the AWDZ?*

SWRv rain event (in)

Is the Site Drainage Area in the CSS?*

No

Site Drainage Area major drainage basin

Site drainage area minor drainage basin

Make a Selection...

Is the entire Site Drainage Area exempt from detention requirements for the 2-year storm?*

No

MAJOR LAND DISTURBING ACTIVITY

Only include area within the limits of disturbance

	Total (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP Land Cover	Vehicular Access Area
Post project	3000		1000	1000	1000	
Pre project	3000		3000			

MAJOR SUBSTANTIAL IMPROVEMENT ACTIVITY

Only include area within the limits of disturbance (including the building footprint)

	Total (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP Land Cover	Vehicular Access Area
Post project	10,000			10000		
Pre project	10,000			10000		

	Total (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP Land Cover	Vehicular Access Area
Post project	10,000			10,000		
Pre project	10,000			10,000		

SWRv AND WQTV

	Cubic feet	Gallons
Site Drainage Area SWRv	1007	7530
Site Drainage Area WQTV	644	4815
Treatment requirement for vehicular access area	0	0

BMPs

Add BMP to this Site Drainage Area

DRAINAGE AREA COMPLIANCE

	Cubic feet	Gallons
Retention volume remaining	1007	7530
Volume remaining to treat 50% of the SWRv	503	3765
Volume remaining to treat WQTV	644	4815

BMP Contributing Drainage Area from an Off-Site Area

Off-Site BMP Contributing Drainage Area

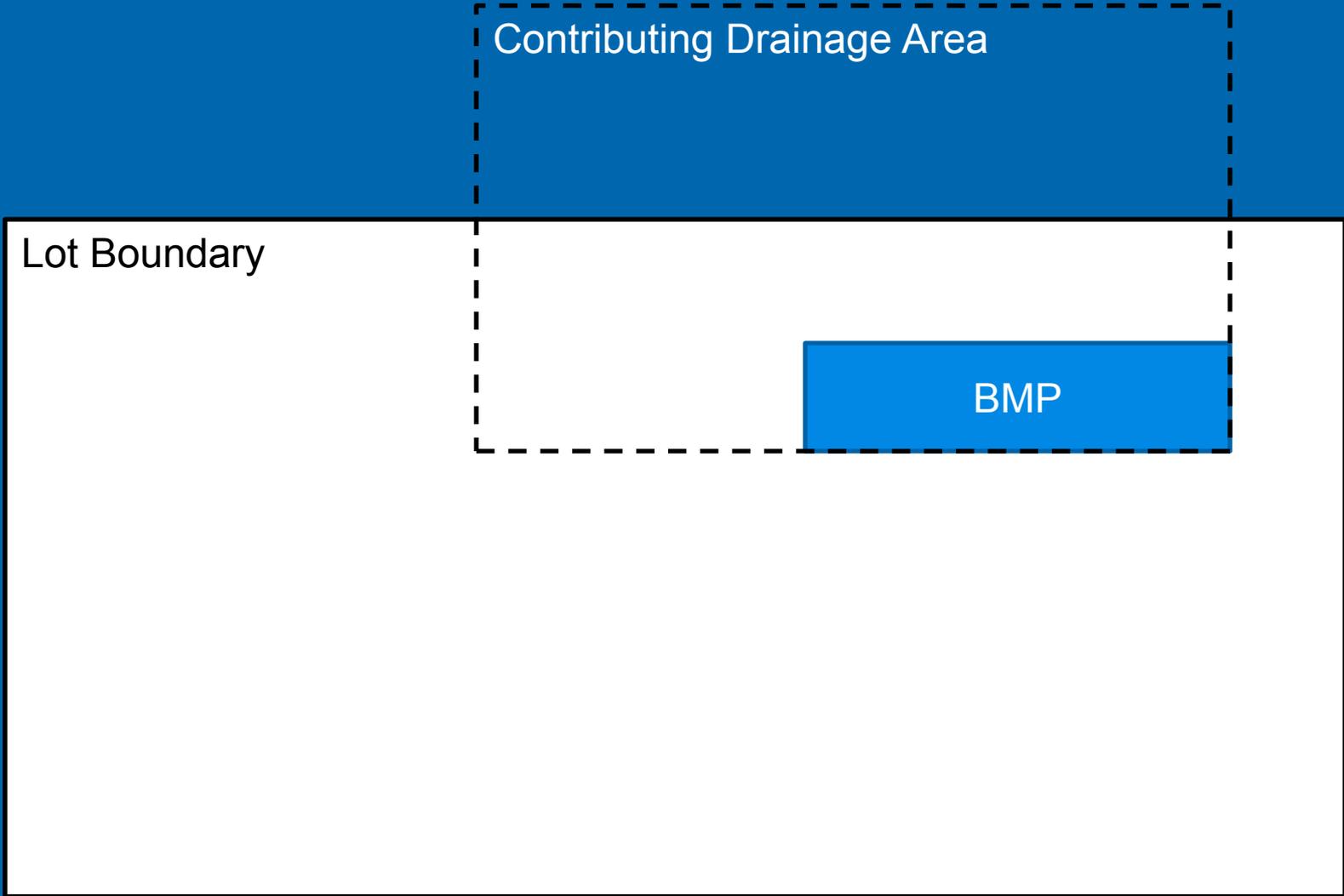
- For parcels, retaining volume from an off-site area does not contribute to meeting the SWRv.
- Retaining volume from an off-site area may be eligible for Stormwater Retention Credit (SRC) certification



Contributing Drainage Area

Lot Boundary

BMP



[View printer-friendly version](#)

Once the BMP is added, you can review your Site Drainage Area or Plan information to see the total retention achieved and the progress toward meeting requirements.

GENERAL BMP INFORMATION

Plan Number s5623	Site Drainage Area ID s5623-1	BMP number 1	BMP ID number s5623-1-1
BMP X Coordinate <input type="text"/>	BMP Y Coordinate <input type="text"/>	BMP installation date <input type="text"/>	
BMP Group * Open Channel	BMP type * Grass channel - Amended soils	BMP sub-type Amended soils	
BMP Name <input type="text"/>			
Did DDOE help pay for this BMP? No			

CONTRIBUTING DRAINAGE AREA

In this section, indicate the area that contributes directly to this BMP. Do not include area that contributes first to an upstream BMP.

CDA includes area outside the authority of the site owner

	Total area (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP land cover	Vehicular access area
Post project	6000	<input type="text"/>	<input type="text"/>	3000	3000	<input type="text"/>
Pre project	6000	<input type="text"/>	<input type="text"/>	6000	<input type="text"/>	<input type="text"/>

BMP RETENTION AND TREATMENT ACHIEVED

BMP storage volume (cubic feet) 500	Maximum volume received by BMP (cubic feet) 808	Retention volume achieved (cubic feet) 150	Potential retention volume remaining (cubic feet) 658	Additional treatment volume (cubic feet) 0	Vehicular access volume addressed? N/A
---	---	--	---	--	--

BMP X Coordinate	BMP Y Coordinate	BMP installation date
<input type="text"/>	<input type="text"/>	
BMP Group *	BMP type *	BMP sub-type
Open Channel	Grass channel - Amended soils	Amended soils
BMP Name	<input type="text"/>	
Did DDOE help pay for this BMP?		
No		

CONTRIBUTING DRAINAGE AREA

In this section, indicate the area that contributes directly to this BMP. Do not include area that contributes first to an upstream BMP.

CDA includes area outside the authority of the site owner

	Total area (square feet)	Natural land cover	Compacted land cover	Impervious land cover	BMP land cover	Vehicular access area
Post project	6000	<input type="text"/>	<input type="text"/>	3000	3000	<input type="text"/>
CDA within the authority of site owner		<input type="text"/>	<input type="text"/>	2000	3000	<input type="text"/>
Pre project	6000	<input type="text"/>	<input type="text"/>	6000	<input type="text"/>	<input type="text"/>

BMP RETENTION AND TREATMENT ACHIEVED

BMP storage volume (cubic feet)				
500				
Maximum volume received by BMP (cubic feet)	Retention volume achieved (cubic feet)	Potential retention volume remaining (cubic feet)	Additional treatment volume (cubic feet)	Vehicular access volume addressed?
808	150	658	0	N/A
Maximum volume received by BMP from outside authority of site owner	Retention volume achieved from outside authority of site owner	Potential volume remaining from outside authority of site owner	Volume treated from outside authority of site owner	
135	25	110	0	

644

Treatment requirement for vehicular access area

0 0

BMPs

Add BMP to this Site Drainage Area

Edit BMP ID Numbers

	Cubic feet	Gallons	
Retention volume achieved by BMPs	150	1122	Retention volume achieved from outside authority of site owner 25
Volume treated	0	0	Volume treated from outside authority of site owner 0

Net retention eligible for meeting onsite obligations (cubic feet)
125

Net volume eligible for treatment obligations (cubic feet)
0

Full Report More		1 BMP						
	BMP ID number	BMP Name	BMP Type and Subtype	Retention volume achieved (cubic feet)	Additional treatment volume (cubic feet)	Vehicular access volume addressed?	Downstream BMP ID Numbers	Total Post project vehicular access area
	s5623-1-1	s5623-1-1	Grass channel - Amended soils	150	0	N/A		
TOT				150	0			

DRAINAGE AREA COMPLIANCE

	Cubic feet	Gallons
Retention volume remaining	882	6595
Volume remaining to treat 50% of the SWRV	378	2830
Volume remaining to treat WQTV	644	4815

Agents

- You can modify information in the database for Sites that you manage
- You can modify information in the database for Sites that are managed by someone who has delegated authority to you



STORMWATER DATABASE

Welcome, Project

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Public User Homepage

Navigation buttons:

- [Sites and Plans](#)
- [BMPs](#)
- [Agents](#) (highlighted with a red box and a question mark icon)
- [SRC and Offv Registry](#)
- [My SRCs and Offv](#)
- [My RiverSmart Rewards](#)



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Agents

[Add an Agent](#) [I am an Agent for Someone](#)

- These people are my agents (0)

No Records Found

- I am an agent for the following people (0)

No Records Found



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Save

Who are you an agent for? Enter this person's contact information below. A notification will be sent to the email address you list to prompt them to confirm this relationship.

Name

Email *

Phone ext.

Principal's role

Agent's role

Request access to a specific site



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Agents

[Add an Agent](#) [I am an Agent for Someone](#)

- These people are my agents (0) [Print](#) [Export](#)

	Agent name	Agent email	Agent phone	Confirm Relationship	Confirmed?
	John Doe	project.engineer1200@gmail.com	(202) 555-1234	Confirm Relationship	<input type="checkbox"/>

- I am an agent for the following people (0)

No Records Found



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Navigation Program Directory Support

Select which account has an agent

Test Company [v]

Agent name

John Doe

Agent email *

project.engineer1200@gmail.com

Agent phone

2025551234 ext. []

Principal's role

Property manager [v]

Agent's role

Project engineer [v]

CONTROL AGENT'S ACCESS

Agent has permission to view and modify Site, Plan, Site Drainage Area, and BMP information for all my Sites, and to submit Plans to DDOE for review for all my Sites. ⓘ

Agent has permission to view and modify Site, Plan, Site Drainage Area, and BMP information for this Site, to submit Plans to DDOE for this Site, and to establish an off-site retention obligation for this Site.

1200 1ST Street NE [v]

Agent has permission to apply to use SRCs or submit an ILF notification to meet my Offv requirement(s) ⓘ

Agent has permission to apply to certify, transfer, or retire SRCs, and to update my information in the SRC registry ⓘ

Submit



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Are you the owner or manager for 1200 1ST Street NE?



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[Edit This Record](#) [Return](#)

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SITE INFORMATION

Soil Erosion and Sediment Control and/or GAR only

Address Format

Address

Address number Street name Street type Quadrant

1200 1ST Street NE

SITE OWNER

Site Owner/Manager

[Test Company](#)

PLANS AFFILIATED WITH THIS SITE

[Enter a new plan for this site](#)

Full Report	More	4 Plans			
	Plan number	Site SWRV (gal)	Offv	SRC eligibility	
	4869	0	0	2250	
	4861	7293	3952	0	
	s5590	1066	0	0	

Erosion and Sediment Control and GAR plans



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New Site

Site with Stormwater Management Requirements

Site with ESC and/or GAR only

Roadway reconstruction project



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SITE INFORMATION

For sites undergoing a regulated activity, enter the address on the building permit application.

Address Format *

Address

Input Address

1200 first st ne

Get Address Details

Address number *

1200

Street name *

1ST

Street type *

Street

Quadrant *

NE

SITE OWNER

Site owner/manager name

Owner Name

Address line 1

123 Test Street NW

Address line 2

Suite 4

City

Washington

State

DC

Zip

20000

Email

Phone

ext.

LOCATION

Find Storm Sewer System

Find coordinates, square, suffix, and lot

Find Major and Minor Drainage Areas

Find assessed value

Find zone

Find Soil Type



Flood Zone Determination Tool

Save

[--Return](#)

PLAN TYPE AND EXEMPTIONS

Is the plan a Stormwater Management Plan? *

No

Is the plan a Soil Erosion and Sediment Control Plan? *

Yes

Is the plan a Green Area Ratio plan? *

Yes

Are there trees that are at least 55 inches in circumference?

Does the plan have an EISF Requirement

Request exceptions:

Exception to 25-foot buffer

SITE AND LOCATION

Site *

1200 1ST Street NE

Is the entire site in the CSS? *

Yes

Major drainage area *

Anacostia

Minor Drainage Area *

-Not Known-

LAND COVER

Total post project area (square feet)

0

Natural

Compacted

Impervious

BMP

Total pre project area (square feet)

0

Natural

Compacted

Impervious

BMP

PROJECT DESCRIPTION

Project Name

Property Class

Total cost of construction

Cost of building renovation

Submission Type

Break

Stormwater Retention Credits and In-Lieu Fee

SRCs and ILF

- Certify SRCs
- Transfer SRCs
- Use SRCs
- ILF Notification
- Retire SRCs
- SRC Registry
- SRC Dashboard

Certify SRCs



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- [My RiverSmart Rewards](#)



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My SRCs and Offv

- [Certify SRCs](#)
- [Use SRCs](#)
- [Transfer SRCs](#)
- [Retire SRCs](#)

[ILF Notification](#)

- I maintain BMPs that generate these SRCs (0)

No Records Found

- SRCs I've Sold (0)

No Records Found

- SRCs I've Bought (0)

No Records Found

- SRCs Currently Owned (0)

ACRONYMS AND DEFINITIONS

Definitions from the 2013 SWMG

BMP Best Management Practice	MS4 Municipal Separate Storm Sewer System	CSS Combined Sewer System
SRC Stormwater Retention Credit	DDOE District Department of the Environment	SWMP Stormwater Management Plan

GENERAL INFORMATION

Application Date	09-24-2015	SWMP number *	4732
What is the period for which SRCs are requested? *	3 years	Should DDOE list these SRCs and a name and contact information in DDOE's SRC registry? *	Yes
What is the asking price for each SRC? (\$)*	1	Who should be listed?*	Proposed SRC Owner
What type of activity is Site undergoing?			
Maintenance contract			Browse...

Select BMPs to generate SRCs

SITE WITH ELIGIBLE RETENTION CAPACITY

Address 1000 1ST Street NE
Square 0674
Suffix
Lot 0854
CSS? Yes
Ward 6

PROPOSED SRC OWNER

Contact information has been updated

Name * Jane Smith - Test Company, LLC

Organization Test Company, LLC
Address Jane Smith
Test Company, LLC
123 Test Street NW
Washington, DC 20000
Email site.owner1200@gmail.com
Phone (202) 555-5555



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Search these BMPs

1 BMP		Maximum SRC eligibility for this BMP is greater than '0' AND ...	
BMP title	Maximum SRC eligibility for this BMP	Use this BMP to generate SRCs for this Application	
4732-1-1 Intensive green roof	997	<input type="button" value="Use this BMP to generate SRCs"/>	



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BMP ID number [4732-1-1](#)

Maximum SRC eligibility
for this BMP 997

Unallocated SRC
eligibility 997

Number of SRCs this BMP
should generate



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123 Test Street NW
Washington, DC 20000

Email site_owner1200@gmail.com

Phone (202) 555-5555

Show agent information

SITE OWNER

Name

Address

Email

Phone

OWNER OF RETENTION CAPACITY

Name

Address

Email

Phone

PROPOSED SRC OWNER SIGNATURE

Proposed SRC owner: I hereby certify that I have the legal right to the SRCs proposed for certification above; that the application, including supporting documentation, is complete and correct to the best of my knowledge; that access will be provided for DDOE inspections; that the retention capacity will be maintained in accordance with the maintenance plan for the period for which SRCs are requested; that, if the retention capacity is not maintained, I will, for the volume from the period of failed maintenance, forfeit the SRCs, purchase replacement SRCs, or pay in-lieu fee to DDOE; and that, if during the period of time for which an SRC is certified, the property is sold or otherwise transferred to another person, the owner of the property on which the BMP or land cover is located will notify DDOE.

[Sign and Submit Application](#)

Signature

Date

Submit application



STORMWATER DATABASE

Welcome, Jane

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Proposed SRC owner: I hereby certify that I have the legal right to the SRCs proposed for certification above; that the application, including supporting documentation, is complete and correct to the best of my knowledge; that access will be provided for DDOE inspections; that the retention capacity will be maintained in accordance with the maintenance plan for the period for which SRCs are requested; that, if the retention capacity is not maintained, I will, for the volume from the period of failed maintenance, forfeit the SRCs, purchase replacement SRCs, or pay in-lieu fee to DDOE; and that, if during the period of time for which an SRC is certified, the property is sold or otherwise transferred to another person, the owner of the property on which the BMP or land cover is located will notify DDOE.

Signature *

Jane Smith

Signature date 09-24-2015

signature time 4:42 pm

Submit application

Signed electronically

You are signing this form electronically. You will no longer be able to make changes to this application.

Submit



[Use the old Stormwater Database design](#)



GOVERNMENT OF THE DISTRICT OF COLUMBIA
District Department of the Environment



April 29, 2014

Ann Benefield
 4000 Cathedral Ave NW,
 Washington, DC 20016

Dear Ann Benefield,

The District Department of the Environment (DDOE) has approved your Application for Certification of Stormwater Retention Credits (SRCs) and certifies 51,249 SRCs for the site with Stormwater Management Plan number 3365. Please see the additional information below.

Site and BMP Information			
Address	4000 Cathedral Ave NW Washington, DC 20016		
Total time period for which SRCs are certified	3 years		
Best Management Practices generating SRCs	BMP ID number	BMP type	Retention Volume Generating SRCs (gal)
	3365-1-1	Bioretention	8092
	3365-2-2	Bioretention	541
	3365-3-3	Bioretention	1581
	3365-4-4	Bioretention	6859
Year 1 serial numbers	20140307-P03-03365-000001 to 20140307-P03-03365-017083		
Year 2 serial numbers	20150307-P03-03365-000001 to 20150307-P03-03365-017083		
Year 3 serial numbers	20160307-P03-03365-000001 to 20160307-P03-03365-017083		

Your SRCs may now be transferred, sold, used, retired, or held into the future. If requested, DDOE listed these SRCs in the SRC Registry. After the certification period is complete, you may reapply for SRC certification from the BMPs that generate these SRCs.

Thank you,

Brian Van Wye
 Branch Chief - Program Implementation
 Stormwater Management Division

➤ Approval confirmation.

➤ SRC serial numbers.

Transfer SRCs



STORMWATER DATABASE

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My SRCs and Offv

- [Certify SRCs](#)
- [Use SRCs](#)
- [Transfer SRCs](#)
- [Retire SRCs](#)

[ILF Notification](#)

- I maintain BMPs that generate these SRCs (0)

No Records Found

- SRCs I've Sold (0)

No Records Found

- SRCs I've Bought (0)

No Records Found

- SRCs Currently Owned (0)

GENERAL INFORMATION

Application Date: 09-24-2015  Date of Transfer if different from application date: mm-dd-yyyy 

CURRENT SRC OWNER

Name * Jane Smith - Test Company, LLC 

Organization Test Company, LLC

Address Jane Smith
Test Company, LLC
123 Test Street NW
Washington, DC 20000

Email site.owner1200@gmail.com

Phone (202) 555-5555

NEW SRC OWNER

Name * New owner name

Organization

Title

Address line 1

Address line 2

City

State 

Zipcode

Email * email@email.com

Phone * 2021234567

Should DDOE list these SRCs and the name and contact information for the new owner or agent in DDOE's SRC registry? 

SRCs

Select SRCs to Transfer



STORMWATER DATABASE

Welcome, Jane

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2 Ranges		Current SRC Owner Record - Username is 'site.owner1200@gmail.com' AND ...		
Start serial number	End serial number	SRCs in range	Transfer SRCs from this range	
20141009-A10-66666-000001	20141009-A10-66666-010067	10,067	Transfer SRCs from this range	
20151009-A10-66666-000001	20151009-A10-66666-010067	10,067	Transfer SRCs from this range	



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Start serial number 20151009-A10-66666-00001

End serial number 20151009-A10-66666-010067

SRCs in range 10,067

Number of SRCs to transfer

Sales price per SRC

Include this SRC range on this Application to Transfer SRCs

Uncheck box to remove from application



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Title _____
Address line 1 _____
Address line 2 _____
City _____
State _____
Zipcode _____
Email email@email.com
Phone (202) 123-4567

Should DDOE list these SRCs and the name and contact information for the new owner or agent in DDOE's SRC registry? _____

SRCs

Select SRCs to Transfer

SRCs to transfer

Full Report		More ▾		1 Range		
	Start serial number	End serial number	SRCs in range	Number of SRCs to transfer	Sales price per SRC	Transfer
 	20151009-A10-66666-000001	20151009-A10-66666-010067	10,067	10000	1.00	✓
TOT				10000		

CURRENT OWNER SIGNATURE

I hereby certify that I am the owner of the above SRCs; that I request the ownership of these SRCs to be transferred as stated above; and that this application is complete and correct to the best of my knowledge.

Signature _____

Date _____

Submit

Use SRCs



STORMWATER DATABASE

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My SRCs and Offv

- [Certify SRCs](#)
- [Use SRCs](#)
- [Transfer SRCs](#)
- [Retire SRCs](#)

[ILF Notification](#)

- I maintain BMPs that generate these SRCs (0)

No Records Found

- SRCs I've Sold (0)

No Records Found

- SRCs I've Bought (0)

No Records Found

- SRCs Currently Owned (0)

GENERAL INFORMATION

Application Date	09-24-2015	Plan number *	38888
SWRv (gal)	58793	On-site retention volume achieved (gal)	32829
		Offv	26475
Amount of Offv per year to be met with SRCs	10067	Amount of Offv per year to be met with ILF	16408
		Number of years of Offv to meet with this application	1
Site Address	123 U Street SW	Is the entire site in the CSS?	No
Square		Suffix	
		Lot	

CURRENT SRC OWNER

Name * Jane Smith - Test Company, LLC

Organization Test Company, LLC

Address Jane Smith
Test Company, LLC
123 Test Street NW
Washington, DC 20000

Email site.owner1200@gmail.com

Phone (202) 555-5555

Show agent information

SRCs TO USE

Applicants must submit a completed application at least four (4) weeks before the proposed usage date. The obligation to use off-site retention to achieve Offv begins on the date of successful completion of the final construction inspection. Offv will be met on an annual basis following the final construction inspection.

Final Construction Inspection Date	07-27-2015	Date to start meeting Offv with these SRCs	07-27-2015
Comments to DDOE	<input type="text"/>		
<input type="button" value="Select SRCs to use"/>			



STORMWATER DATABASE

Welcome, Jane

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Search these ranges

1 Range				Current SRC Owner Record - Username is 'site.owner1200@gmail.com' AND ...
Start serial number	End serial number	SRCs in range	Use SRCs from this range	
20141009-A10-66666-000001	20141009-A10-66666-010067	10,067	<input type="button" value="Use SRCs from this range"/>	



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STORMWATER DATABASE

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Start serial number 20141009-A10-66666-000001

End serial number 20141009-A10-66666-010067

SRCs in range 10,067

Number of SRCs to use 10067

Include this SRC range on this Application to Use SRCs

Uncheck box to remove from application



[Use the old Stormwater Database design](#)



Final Construction Inspection Date 07-27-2015

Date to start meeting Offv with these SRCs 07-27-2015

Comments to DDOE

Select SRCs to use

Full Report More ▾ 1 Range					
	Start serial number	End serial number	SRCs in range	Number of SRCs to use	Use
	20141009-A10-66666-000001	20141009-A10-66666-010067	10,067	10067	✓
TOT				10067	

SIGNATURE

Site owner: I hereby certify that I am the owner of the regulated property and of the SRCs proposed for use herein and that this application is correct to the best of my knowledge.

Sign and submit application

Signature

Date

Submit



Use the old Stormwater Database design

In-Lieu Fee Notification



STORMWATER DATABASE

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My SRCs and Offv

- [Certify SRCs](#)
- [Use SRCs](#)
- [Transfer SRCs](#)
- [Retire SRCs](#)

ILF Notification

- I maintain BMPs that generate these SRCs (0)

No Records Found

- SRCs I've Sold (0)

No Records Found

- SRCs I've Bought (0)

No Records Found

- SRCs Currently Owned (0)

ACRONYMS AND DEFINITIONS

Definitions from the 2013 SWMG

AWDZ Anacostia Waterfront Development Zone	Offv Off-Site Retention Volume	CSS Combined Sewer System
SRC Stormwater Retention Credit	DDOE District Department of the Environment	SWMP Stormwater Management Plan
ILF In-Lieu Fee	SWRv Stormwater Retention Volume	MS4 Municipal Separate Storm Sewer System

GENERAL INFORMATION

Notification Date	09-24-2015	Plan number *	88888
SWRv (gal)	58,793	On-site retention volume achieved (gal)	32,829
		Offv	26,475
Amount of Offv per year to be met with SRCs	10067	Amount of Offv per year to be met with ILF	16408
		How many years of Offv will be met?	1
Site Address	123 U Street SW	Is the entire site in the CSS?	No
Square		Suffix	
		Lot	

SITE OWNER

Name * Jane Smith - Test Company, LLC

Organization Test Company, LLC

Address Jane Smith
Test Company, LLC
123 Test Street NW
Washington, DC 20000

Email site.owner1200@gmail.com

Phone (202) 555-5555

Show Agent Information

PROPOSED ILF USE

Applicants must notify DDOE of their intent to use ILF and provide proof of ILF payment at least four (4) weeks before the proposed usage date. The obligation to use off-site retention to achieve Offv begins on the date of successful completion of the final construction inspection.

Date to start meeting Offv 07-27-2015

Administrative Late Fee

In-Lieu Fee Rate December 5, 2014

In-Lieu Fee Rate \$3.57

Total payment owed \$58,576.56

Total payment received

Comments to DDOE

CSS?

Square

Suffix

Lot

SITE OWNER

Name Jane Smith

Organization Test Company, LLC

Address Jane Smith
Test Company, LLC
123 Test Street NW
Washington, DC 20000

Email site_owner1200@gmail.com

Phone (202) 555-5555

Show Agent Information

PROPOSED ILF USE

Applicants must notify DDOE of their intent to use ILF and provide proof of ILF payment at least four (4) weeks before the proposed usage date. The obligation to use off-site retention to achieve Offv begins on the date of successful completion of the final construction inspection.

Date to start meeting Offv 07-27-2015

Administrative Late Fee

In-Lieu Fee Rate \$3.57

Total payment owed \$58,576.56

Total payment received

Comments to DDOE

SIGNATURE

Site owner: I hereby certify that I am the owner of the regulated property and that this notification is correct to the best of my knowledge.

Signature

Date

Submit

Retire SRCs



STORMWATER DATABASE

Welcome, Jane

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- [Support](#)

My SRCs and Offv

- [Certify SRCs](#)
- [Use SRCs](#)
- [Transfer SRCs](#)
- [Retire SRCs](#)

[ILF Notification](#)

- I maintain BMPs that generate these SRCs (0)

No Records Found

- SRCs I've Sold (0)

No Records Found

- SRCs I've Bought (0)

No Records Found

- SRCs Currently Owned (0)



Save

ACRONYMS AND DEFINITIONS

[Definitions from the 2013 SWMG](#)

DDOE District Department of the Environment SRC Stormwater Retention Credit

GENERAL INFORMATION

Application Date 09-24-2015 Number of SRCs 0

CURRENT SRC OWNER

SRC Owner * Jane Smith - Test Company, LLC

Organization Test Company, LLC

Address Jane Smith
Test Company, LLC
123 Test Street NW
Washington, DC 20000

Email site.owner1200@gmail.com

Phone (202) 555-5555

RETIRE SRCs IN HONOR OF SOMEONE

Name

Email

SRCs

Select SRCs to Retire

SRC Registry



Search bar with a magnifying glass icon on the right.

Radio buttons for DC.gov and doee.dc.gov

Department of Energy & Environment

- DOEE Home
- Environmental Services
- EnergySmart DC
- Resources
- Laws & Regulations
- About DOEE

Resources

- ▶ Applications, Licenses & Permits
- ▶ Environmental Data & Maps
- ▶ For Businesses
- ▼ For Residents
 - ▶ Environmental Health & Safety
 - ▶ Eco-Friendly Living
 - ▶ Outdoor Activities
 - ▼ Get RiverSmart
 - RiverSmart Homes
 - RiverSmart Communities
 - RiverSmart Schools
 - RiverSmart Rooftops
 - RiverSmart Rebates
 - RiverSmart Rewards
 - **Stormwater Retention Credit Trading Program**
 - Recycling, Waste and Hazards
- ▶ Stormwater and Flooding
- ▶ Grants and Funding
- ▶ Plans & Commitments
- ▶ Publications

Department of Energy & Environment



Office Hours
Monday to Friday, 9 am to 5 pm



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Stormwater Retention Credit Trading Program

<< RiverSmart home page

Properties generate Stormwater Retention Credits (SRCs) for voluntary green infrastructure that reduces stormwater runoff. Owners trade their SRCs in an open market to others who use them to meet regulatory requirements for retaining stormwater. Revenue creates incentives to install green infrastructure that protects rivers and provides other benefits.

This page provides resources on the SRC trading program. For full program details, view the [Stormwater Management Guidebook](#) and [Stormwater Rule](#) or contact Evan Branosky at (202) 535-2295 or src.trading@dc.gov.

Participant Information

- Visit the [SRC and Offv Registry](#) for lists of SRCs for sale, final prices of trades, current off-site retention (Offv) obligations and expected Offv and SRCs.
- Create an account to login to the registry and apply to certify new SRCs or transfer, use and retire existing SRCs.
- Attend a training session and view eligibility requirements to further understand SRC trading.

SRC News

- Press Release – [DOEE Streamlines Online Tool for Stormwater Programs](#)
- Brochure – [Stormwater Retention Credit Trading & RiverSmart Rewards](#)
- Audio – [DC Introduces Cap and Trade System to Keep Dirty Water Out of Local Streams](#)
- Press Release – [Washington, DC Metropolitan Region Named North American Leader for Green Roofs](#)
- Report - [Stormwater In-Lieu Fee Special Purpose Revenue Fund FY2014 Summary Report](#)

Foam Free DC



The District has banned the use of food service products made of expanded polystyrene. [Read More>>](#)

Energy Smart DC



A single resource for all you need to know about energy efficiency and renewable energy programs, products and services in the District.

Get RiverSmart



STORMWATER DATABASE

Welcome

Log In

Username/Email

Password

Log In

Need an account? Click [here](#) to register.

Need help? Click [here](#) for assistance.

Click [here](#) to view the SRC and Offv Registry.



STORMWATER DATABASE

Welcome, Jane

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Public User Homepage

Navigation buttons:

- [Sites and Plans](#)
- [BMPs](#)
- [Agents](#)
- [SRC and Offv Registry](#) (highlighted with a red box and a question mark icon)
- [My SRCs and Offv](#)
- [My RiverSmart Rewards](#)



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STORMWATER DATABASE

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SRC and Offv Registry

Navigation buttons for the SRC and Offv Registry:

- [SRCs for Sale](#)
- [Final SRC Sale Prices](#)
- [Expected SRCs and Sellers](#) [?]
- [Current Offv](#) [?]
- [Expected Offv](#) [?]
- [Interested Buyers List](#) [?]
- [I Want to Buy SRCs](#)



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[Navigation](#) [Program Directory](#) [Support](#)

SRCs for Sale

- SRCs for Sale (5) [Print](#) [Export](#)

Contact name	Contact email	Contact phone	Watershed where SRCs are generated	Asking price per SRC	SRCs in range (tot)
Ann Benefield	ABENEFIELD@THEWESTCHESTERCORP.COM	(202) 338-7700	Potomac	\$2.25	40,236
Greg DeHaven	GDEHAVEN@LENKIN.COM	(202) 477-9917	Rock Creek	\$2.00	12,948
Lano Parcel 12 LLC c/o CityInterests LLC	LBARDHI@CITYINTERESTS.COM	(202) 944-4729	Anacostia	\$2.55	19,413
Ronan Heritier	RONAN.HERITIER@DIPLOMATIE.GOUV.FR	(202) 944-6196	Potomac	\$2.45	30,495
USP 700 6th Street LLC	MNATHAN@AKRIDGE.COM	(202) 756-3085	Anacostia	\$2.40	8,732
Totals (5 groups)					111,824



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STORMWATER DATABASE

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Final SRC Sale Prices

- Final SRC Sale Prices (1) [Print](#) [Export](#)

Transfer Date	Watershed where SRCs are generated	Purchase price per SRC	SRCs in range (tot)	Total value of transfer (tot)
09-18-2014	Potomac	\$2.27	11,013	\$25,000
Totals (1 groups)			11,013	\$25,000



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STORMWATER DATABASE

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Expected SRCs and Sellers

- Expected SRCs and Sellers (109) [Print](#) [Export](#)

Email	Phone	Watershed	Subshed	Sewershed	SRCs
		Rock Creek	Broad Branch	MS4	213
		Rock Creek	Bingham Run	MS4	402
		Potomac	C&O Canal	MS4	1178
		Rock Creek	Normanstone Creek	MS4	2490
		Rock Creek	Melvin Hazen Valley Branch	MS4	1237
		Potomac	Potomac River	CSS	29
		Potomac	Oxon Run	CSS	6492
		Anacostia	Watts Branch	MS4	27740
		Rock Creek	Rock Creek	MS4	3192
		Anacostia	Northwest Branch	MS4	1676
		Rock Creek	Luzon Branch	MS4	877
		Rock Creek	Soapstone Creek	MS4	713
		Potomac	Foundry Branch	CSS	847
		Anacostia	Anacostia River	CSS	99
		Anacostia	Anacostia River	CSS	222
		Rock Creek	Soapstone Creek	MS4	549
		Anacostia	Anacostia River	CSS	3848



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https://octo.quickbase.com/up/bjkxxcfcg/rb7/eg/va/levels.l DDOE Stormwater Database x



File Edit View Favorites Tools Help



STORMWATER DATABASE

Welcome, Jane

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Current Offv

- Current Offv (2) [Print](#) [Export](#)

Watershed	Subshed	Sewershed	Offv (gal)	Offv Compliance End Date
Anacostia	Anacostia River	CSS	11013	10/30/2015
Anacostia	Anacostia River	CSS	38234	11/29/2015



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STORMWATER DATABASE

Welcome, Jane

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Expected Offv

- Expected Offv (15) [Print](#) [Export](#)

Watershed	Subshed	Sewershed	Offv (gal)
Anacostia	Anacostia River	CSS	1035
Anacostia	Anacostia River	CSS	150
Anacostia	Anacostia River	CSS	621
Anacostia	Anacostia River	CSS	3077
Anacostia	Anacostia River	CSS	14574
Potomac	Foundry Branch	MS4	8304
Anacostia	Anacostia River	CSS	903
Anacostia	Anacostia River	CSS	705
Anacostia	Anacostia River	CSS	419
Anacostia	Hickey run	MS4	1622
Anacostia	Anacostia River	CSS	1455
Potomac	Oxon Run	MS4	1825
Anacostia	Northwest Branch	MS4	15052
Potomac	Potomac River	CSS	4177
Rock Creek	Rock Creek	MS4	1368



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STORMWATER DATABASE

Welcome, Jane

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Interested Buyers List

- Interested Buyers List (1) [Print](#) [Export](#)

Contact name	Contact email	Contact phone	Number of SRCs Sought	Asking price
Carrie Rollman	crollman@programmanagers.com	(202) 266-3491	11013	15000.00



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STORMWATER DATABASE

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Save

Who should be listed

Contact name

Number of SRCs Sought

Contact email

Asking price per SRC

Contact phone



[Use the old Stormwater Database design](#)

RiverSmart Rewards



STORMWATER DATABASE

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Public User Homepage

Navigation buttons:

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- [Agents](#)
- [SRC and Offv Registry](#)
- [My SRCs and Offv](#)
- [My RiverSmart Rewards](#) (highlighted with a red box)



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https://octo.quickbase.com/up/bjkxxxcp/g/rb7/eg/va/levels.l DDOE Stormwater Database x



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STORMWATER DATABASE

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[My RiverSmart Rewards](#)

New RiverSmart Rewards
Application

- List All (0)

No Records Found



[Use the old Stormwater Database design](#)



STORMWATER DATABASE

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New RiverSmart Rewards Application

Two blue buttons with question marks in the top right corner:

- Site has a Stormwater Management Plan
- Site does not have a Stormwater Management Plan



[Use the old Stormwater Database design](#)



STORMWATER DATABASE

Welcome, Jane

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Site has a Stormwater Management Plan

- Select a SWMP to Apply for RiverSmart Rewards (10) [Print](#) [Export](#)

Street Address	Plan number	Apply for RiverSmart Rewards for this SWMP
123 U Street SW	88888	Apply for RiverSmart Rewards for this SWMP
1200 1ST Street NE	4869	Apply for RiverSmart Rewards for this SWMP
1200 1ST Street NE	4861	Apply for RiverSmart Rewards for this SWMP
1200 1ST Street NE	4794	Apply for RiverSmart Rewards for this SWMP
1000 1ST Street NE	4732	Apply for RiverSmart Rewards for this SWMP
1200 1ST Street NE	s5082	Apply for RiverSmart Rewards for this SWMP
1200 1ST Street NE	s5194	Apply for RiverSmart Rewards for this SWMP
1100 50TH Place NE	s5434	Apply for RiverSmart Rewards for this SWMP
1200 1ST Street NE	s5590	Apply for RiverSmart Rewards for this SWMP
1200 1ST Street NE	s5623	Apply for RiverSmart Rewards for this SWMP



STORMWATER DATABASE

Welcome, Jane

[Log Out](#)

Navigation Program Directory Support

Save

ACRONYMS AND DEFINITIONS

BMP	Best Management Practice	ERU	Equivalent Residential Unit
DDOE	District Department of the Environment	SWMP	Stormwater Management Plan

PROJECT INFORMATION

Application type * Standard

Are the BMPs in this application part of a Stormwater Management Plan? * Yes

Plan * 88888: 123 U Street SW Application Number RSRstan-88888

Primary Street Address 123 U Street SW

APPLICANT INFORMATION

Applicant * Test Company

Organization Test Company

Address Test Company

Email site.owner1200@gmail.com

Phone

Are you owner, tenant, or agent? *
 Owner
 Tenant
 Agent



STORMWATER DATABASE

Welcome, Jane

[Log Out](#)

[Navigation](#) [Program Directory](#) [Support](#)

[Edit This Record](#)

ACRONYMS AND DEFINITIONS

BMP	Best Management Practice	ERU	Equivalent Residential Unit
DDOE	District Department of the Environment	SWMP	Stormwater Management Plan

DC WATER ACCOUNT INFORMATION

Enter information for each DC Water account that should receive a discount under this application. Condominium associations or homeowner associations that are billed by DC Water separately may have several DC Water accounts.

[Add DC Water Account](#)

DC Water Account Number	Street address	Unit	PremiseNo	Billed ERUs
-------------------------	----------------	------	-----------	-------------

No accounts found

Billed ERUs

0

Assessed Impervious Area

[Back](#)

[I'm done adding DC Water Accounts](#)



[Use the old Stormwater Database design](#)



STORMWATER DATABASE

Welcome, Jane

[Log Out](#)

Navigation Program Directory Support

[Edit This Record](#)

[New DC Water Account](#)

Address	Account Number	Premise Number	Billed ERUs	Select Account
No DC Water Accounts found				

Any DC Water accounts that have already been entered will appear in this list



[Use the old Stormwater Database design](#)

Save --Return

SERVICE ADDRESS

First name: Jane Last name: Smith

Billing organization:
Are you owner, tenant, or agent:
 Owner
 Tenant
 Agent
 None of the above

Please update the service address for this application if necessary:

Address: Search for an address
123 U Street SW
Street 2:
Washington
District of Columbia Postal Code:



DC Water account number *: 11111
Billed ERUs: 1 Assessed Impervious Area: 1000
Email: Phone: ext.
Copy of DC Water Bill: Browse...

BILLING ADDRESS

Is billing address same as service address? Yes

[Edit This Record](#) [← Return](#)

DC Water Account saved

[Return to Application](#)

SERVICE ADDRESS

First name Jane **Last name** Smith
Billing organization **Are you owner, tenant, or agent** Owner

Please update the service address for this application if necessary:

Address [123 U Street SW, Washington, District of Columbia](#)



DC Water account number 11111
Billed ERUs 1 **Assessed Impervious Area** 1000
Email **Phone**

Copy of DC Water Bill

BILLING ADDRESS

Is billing address same as service address? Yes

RIVERSMART REWARDS STANDARD APPLICATIONS

Application Number	Total Discountable ERUs	RSR Discount
--------------------	-------------------------	--------------

No accounts found



STORMWATER DATABASE

Welcome, Jane

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Navigation Program Directory Support

[Edit This Record](#)

ACRONYMS AND DEFINITIONS

BMP Best Management Practice
DDOE District Department of the Environment
ERU Equivalent Residential Unit
SWMP Stormwater Management Plan

DC WATER ACCOUNT INFORMATION

Enter information for each DC Water account that should receive a discount under this application. Condominium associations or homeowner associations that are billed by DC Water separately may have several DC Water accounts.

[Add DC Water Account](#)

Full Report	More	1 Account				
		DC Water Account Number	Street address	Unit	PremiseNo	Billed ERUs
		11111	123 U Street SW			1

Billed ERUs 1

Assessed Impervious Area 1000

[Back](#)

[I'm done adding DC Water Accounts](#)



[Use the old Stormwater Database design](#)



STORMWATER DATABASE

Welcome, Jane

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Navigation Program Directory Support

[Delete](#) [←Return](#)

ACRONYMS AND DEFINITIONS

BMP	Best Management Practice	ERU	Equivalent Residential Unit
DDOE	District Department of the Environment	SWMP	Stormwater Management Plan

ATTACHMENTS

For practices installed through RiverSmart Homes, you do not need to submit documentation verifying the installation date.

- SWMP Final Approval Notice

- Design and Technical Specifications

- BMP Spreadsheet

- Maintenance Plan and Schedule

- Technical Specifications Sheet for Proprietary Practices

- Proof of installation date (detailed contract or invoice for plants and materials)

- Photos of installed green infrastructure

- Other type of document

- Site Diagram

["https://octo.quickbase.com/up/bitf22c4r/a/r68/e6/v08/"](https://octo.quickbase.com/up/bitf22c4r/a/r68/e6/v08/)

- SWMP Final Approval Notice
- Design and Technical Specifications
- BMP Spreadsheet
- Maintenance Plan and Schedule
- Technical Specifications Sheet for Proprietary Practices
- Proof of installation date (detailed contract or invoice for plants and materials)
- Photos of installed green infrastructure
- Other type of document
- Site Diagram ["https://octo.quickbase.com/up/bitf22c4rla/r68/e6/v0&"](https://octo.quickbase.com/up/bitf22c4rla/r68/e6/v0&)

CERTIFICATION AND SIGNATURE

With my signature below, I certify that
(1) I have read and understand the program requirements (details may be found at <http://ddoe.dc.gov/riversmartrewards>);
(2) the information I have provided on this application is true, complete, and accurate;
(3) I grant DDOE permission to conduct inspections of the above-mentioned stormwater retention Best Management Practices (BMPs);
(4) I promise to maintain the BMPs so that they function to retain stormwater runoff;
(5) I will inform DDOE if I remove, alter, or stop maintaining any BMPs that I have described on this application; and
(6) I grant DC Water permission to share with DDOE information about my account.

[Sign and Submit Application](#)

Signature Signature date 09-24-2015

Time of Signature



BMPs

BMPs Full Report | Email | More 1 BMP

	BMP title	BMP type	BMP sub-type	BMP installation date
	4560-1-1 Traditional bioretention	Traditional bioretention	Enhanced	10-06-2014

ATTACHMENTS

SWMP Final Approval Notice

Design and Technical

Other type of document

Proof of installation date (detailed contract or invoice for plants and materials)

CERTIFICATION

With my signature below, I certify that

- (1) I have read and understand the program requirements (details may be found at <http://ddoe.dc.gov/riversmartrewards>);
- (2) the information I have provided on this application is true, complete, and accurate;
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- (4) I promise to maintain the BMPs so that they function to retain stormwater runoff;
- (5) I will inform DDOE if I remove, alter, or stop maintaining any BMPs that I have described on this application; and
- (6) I grant DC Water permission to share with DDOE information about my account.

I Sign

Signature Signature date 10-07-2014

Application Received

Technical review

On-site inspection

Calculate the discount

Transmit data to DC Water

DC Water posts discount

Additional Information

Matthew Espie
Matthew.Espie@dc.gov
202-715-7644

To access DOE's Stormwater Database, visit
doee.dc.gov/swdb.

For DOE's stormwater management regulations and
related information, visit doee.dc.gov/swregs.

